

HIGHLIGHT set on as ''  
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     24jun09 15:39:37 User208760 Session D3075.2  
       \$0.00    0.115 DialUnits File410  
     \$0.00 Estimated cost File410  
     \$0.10 TELNET  
     \$0.10 Estimated cost this search  
     \$0.73 Estimated total session cost    0.289 DialUnits

SYSTEM:OS - DIALOG OneSearch  
   File    5:Biosis Previews(R) 1926-2009/Jun W3  
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Set  Items  Description  
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? e au=june carl ?

Ref	Items	Index-term
E1	1	AU=JUNE CALDWELL M
E2	25	AU=JUNE CARL
E3	0	*AU=JUNE CARL ?
E4	230	AU=JUNE CARL H
E5	3	AU=JUNE CARLE H
E6	1	AU=JUNE CHANG
E7	1	AU=JUNE CHANG SUNG
E8	2	AU=JUNE CHIA-PING
E9	1	AU=JUNE CINDY
E10	2	AU=JUNE D
E11	1	AU=JUNE D B
E12	7	AU=JUNE D S

Enter P or PAGE for more

? s e2-e5

25	AU=JUNE CARL
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230	AU=JUNE CARL H
3	AU=JUNE CARLE H

S1      258  E2-E5

? e au=crroll richard ?

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E1	1	AU=CRRIE A
E2	1	AU=CRROLL ANDREW J
E3	0	*AU=CRROLL RICHARD ?
E4	1	AU=CRSIP, J. A.
E5	1	AU=CRSISTINA DE ARMAS, SERRA
E6	1	AU=CRSITEA ELISABETA
E7	1	AU=CRSTAL BIOTECH INC (USA)
E8	1	AU=CRSTI M
E9	1	AU=CRTAXI A
E10	1	AU=CRTE-REAL EUGENIO
E11	1	AU=CRTEGA F GIMENO
E12	1	AU=CRTES W S

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? e au=carroll richard ?

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E3	2	AU=CARROLL RICHARD A
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E5	48	AU=CARROLL RICHARD G
E6	2	AU=CARROLL RICHARD H
E7	7	AU=CARROLL RICHARD J
E8	1	AU=CARROLL RICHARD J JR
E9	2	AU=CARROLL RICHARD L
E10	1	AU=CARROLL RICHARD LLOYD
E11	5	AU=CARROLL RICHARD M
E12	2	AU=CARROLL RICHARD P

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S2 48 AU='CARROLL RICHARD G'  
? e au=riley james ?

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E1	3	AU=RILEY JAIME M
E2	10	AU=RILEY JAMES
E3	0	*AU=RILEY JAMES ?
E4	2	AU=RILEY JAMES A
E5	9	AU=RILEY JAMES B
E6	5	AU=RILEY JAMES C
E7	1	AU=RILEY JAMES D
E8	9	AU=RILEY JAMES F
E9	8	AU=RILEY JAMES J
E10	2	AU=RILEY JAMES K
E11	96	AU=RILEY JAMES L
E12	1	AU=RILEY JAMES M

Enter P or PAGE for more  
? s e11  
S3 96 AU='RILEY JAMES L'  
? s (S1 or S2 or S3) and (CCR5)  
258 S1  
48 S2  
96 S3  
21581 CCR5  
S4 11 (S1 OR S2 OR S3) AND (CCR5)  
? rd S4  
S5 9 RD S4 (unique items)  
? t S5/3/all

5/3/1 (Item 1 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2009 The Thomson Corporation. All rts. reserv.

0020385440 BIOSIS NO.: 200800432379  
Establishment of HIV-1 resistance in CD4(+) T cells by genome editing using  
zinc-finger nucleases  
AUTHOR: Perez Elena E; Wang Jianbin; Miller Jeffrey C; Jouvenot Yann; Kim  
Kenneth A; Liu Olga; Wang Nathaniel; Lee Gary; Bartsevich Victor V; Lee  
Ya-Li; Guschin Dmitry Y; Rupniewski Igor; Waite Adam J; Carpenito Carmine  
; Carroll Richard G; Orange Jordan S; Urnov Fyodor D; Rebar Edward

J; Ando Dale; Gregory Philip D; Riley James L; Holmes Michael C;  
June Carl H (Reprint)  
AUTHOR ADDRESS: Abramson Family Canc Res Inst, Dept Pathol and Lab Med, 421  
Curie Blvd, Room 554, BRB 2-3, Philadelphia, PA 19104 USA\*\*USA  
AUTHOR E-MAIL ADDRESS: cjune@mail.med.upenn.edu  
JOURNAL: Nature Biotechnology 26 (7): p808-816 JUL 2008 2008  
ITEM IDENTIFIER: doi:10.1038/nbt1410  
ISSN: 1087-0156  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

5/3/2 (Item 2 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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16497000 BIOSIS NO.: 200200090511  
Adoptive transfer of costimulated CD4+ T cells induces expansion of  
peripheral T cells and decreased CCR5 expression in HIV infection  
AUTHOR: Levine Bruce L (Reprint); Bernstein Wendy B; Aronson Naomi E;  
Schlienger Katia; Cotte Julio; Perfetto Steven; Humphries Mary J;  
Ratto-Kim Silvia; Birx Deborah L; Steffens Carolyn; Landay Alan;  
Carroll Richard G; June Carl H  
AUTHOR ADDRESS: Abramson Family Cancer Research Institute, University of  
Pennsylvania Cancer Center, Philadelphia, PA, USA\*\*USA  
JOURNAL: Nature Medicine 8 (1): p47-53 January, 2002 2002  
MEDIUM: print  
ISSN: 1078-8956  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

5/3/3 (Item 3 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2009 The Thomson Corporation. All rts. reserv.

15606909 BIOSIS NO.: 200000325222  
Modulation of susceptibility to HIV-1 infection by the cytotoxic T  
lymphocyte antigen 4 costimulatory molecule  
AUTHOR: Riley James L; Schlienger Katia; Blair Patrick J; Carreno  
Beatriz; Craighead Nancy; Kim Daniel; Carroll Richard G; June  
Carl H (Reprint)  
AUTHOR ADDRESS: Department of Molecular and Cellular Engineering,  
University of Pennsylvania, 421 Curie Blvd., BRB II/III, Rm. 554,  
Philadelphia, PA, 19104-6160, USA\*\*USA  
JOURNAL: Journal of Experimental Medicine 191 (11): p1987-1997 June 5,  
2000 2000  
MEDIUM: print  
ISSN: 0022-1007  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

5/3/4 (Item 4 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2009 The Thomson Corporation. All rts. reserv.

15371686 BIOSIS NO.: 200000089999

Influenza virus upregulates CXCR4 expression in CD4+ cells

AUTHOR: Puri Anu (Reprint); Riley James L; Kim Daniel; Ritchey David  
W; Hug Peter; Jernigan Kristine; Rose Patrick; Blumenthal Robert;  
Carroll Richard G

AUTHOR ADDRESS: Laboratory of Experimental and Computational Biology,  
NCI-FCRDC, Miller Drive, Bldg. 469, Rm. 211, Frederick, MD, 21702-1201,  
USA\*\*USA

JOURNAL: AIDS Research and Human Retroviruses 16 (1): p19-25 Jan. 1, 2000  
2000

MEDIUM: print

ISSN: 0889-2229

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

5/3/5 (Item 5 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2009 The Thomson Corporation. All rts. reserv.

15086084 BIOSIS NO.: 199900345744

Constitutive cell surface association between CD4 and CCR5

AUTHOR: Xiao Xiaodong; Wu Lijun; Stantchev Tzanko S; Feng Yan-Ru; Ugolini  
Sophie; Chen Hong; Shen Zhimin; Riley James L; Broder Christopher C  
; Sattentau Quentin J; Dimitrov Dimitre S (Reprint)

AUTHOR ADDRESS: Laboratory of Experimental and Computational Biology,  
National Cancer Institute-Frederick Cancer Research and Development  
Center, National Institutes of Health, Miller Drive, Building 469, Room  
216, Frederick, MD, 21702-1201, USA\*\*USA

JOURNAL: Proceedings of the National Academy of Sciences of the United  
States of America 96 (13): p7496-7501 June 22, 1999 1999

MEDIUM: print

ISSN: 0027-8424

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

5/3/6 (Item 6 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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14687125 BIOSIS NO.: 199800481372

Naive and memory CD4 T cells differ in their susceptibilities to human  
immunodeficiency virus type 1 infection following CD28 costimulation:  
Implications for transmission and pathogenesis

AUTHOR: Riley James L; Levine Bruce L; Craighead Nancy; Francomano  
Tara; Kim Daniel; Carroll Richard G; June Carl H (Reprint)

AUTHOR ADDRESS: Mail Stop 061, Naval Med. Res. Inst., 8901 Wisconsin Ave.,  
Bethesda, MD 20889-5607, USA\*\*USA

JOURNAL: Journal of Virology 72 (10): p8273-8280 Oct., 1998 1998

MEDIUM: print

ISSN: 0022-538X

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

5/3/7 (Item 7 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2009 The Thomson Corporation. All rts. reserv.

14435548 BIOSIS NO.: 199800229795  
Productive infection of neonatal CD8+ T lymphocytes by HIV-1  
AUTHOR: Yang Liang Peng; Riley James L; Carroll Richard G;  
June Carl H; Hoxie James; Patterson Bruce K; Ohshima Yusei; Hodes  
Richard J; Delespesse Guy (Reprint)  
AUTHOR ADDRESS: Universite de Montreal, Centre de Recherche Louis-Charles  
Simard, Laboratoire de Recherche en Allergic, Hopital Notre-Dame, 1560  
Sherbrooke St. East, Montreal, PQ H2L 4M1, Canada\*\*Canada  
JOURNAL: Journal of Experimental Medicine 187 (7): p1139-1144 April 6,  
1998 1998  
MEDIUM: print  
ISSN: 0022-1007  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

5/3/8 (Item 8 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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13992340 BIOSIS NO.: 199799626400  
Primary HIV isolates that are dual-tropic for the chemokine receptors ccR5  
and cxCR4 (fusin, lestr)  
AUTHOR: Blatner Gretta (Reprint); Blair Patrick; June Carl; Cohen  
David (Reprint)  
AUTHOR ADDRESS: Div. Basic Sci., National Cancer Inst., Bethesda, MD, USA\*\*  
USA  
JOURNAL: Journal of Acquired Immune Deficiency Syndromes and Human  
Retrovirology 14 (4): pA29 1997 1997  
CONFERENCE/MEETING: National AIDS Malignancy Conference Bethesda,  
Maryland, USA April 28-30, 1997; 19970428  
ISSN: 1077-9450  
DOCUMENT TYPE: Meeting; Meeting Abstract  
RECORD TYPE: Citation  
LANGUAGE: English

5/3/9 (Item 9 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2009 The Thomson Corporation. All rts. reserv.

13884652 BIOSIS NO.: 199799518712  
Differential regulation of HIV-1 fusion cofactor expression by CD28  
costimulation of CD4+ T cells  
AUTHOR: Carroll Richard G; Riley James L; Levine Bruce L; Feng  
Yu; Kaushal Sumesh; Ritchey David W; Bernstein Wendy; Weislow Owen S;  
Brown Charles R; Berger Edward A; June Carl H (Reprint); St Louis  
Daniel C  
AUTHOR ADDRESS: Jackson Found. Advancement of Military Med., Rockville, MD  
20850, USA\*\*USA  
JOURNAL: Science (Washington D C) 276 (5310): p273-276 1997 1997  
ISSN: 0036-8075  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
? t s5/7/all

5/7/1 (Item 1 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)

(c) 2009 The Thomson Corporation. All rts. reserv.

0020385440 BIOSIS NO.: 200800432379

Establishment of HIV-1 resistance in CD4(+) T cells by genome editing using zinc-finger nucleases

AUTHOR: Perez Elena E; Wang Jianbin; Miller Jeffrey C; Jouvenot Yann; Kim Kenneth A; Liu Olga; Wang Nathaniel; Lee Gary; Bartsevich Victor V; Lee Ya-Li; Guschin Dmitry Y; Rupniewski Igor; Waite Adam J; Carpenito Carmine; Carroll Richard G; Orange Jordan S; Urnov Fyodor D; Rebar Edward J; Ando Dale; Gregory Philip D; Riley James L; Holmes Michael C; June Carl H (Reprint)

AUTHOR ADDRESS: Abramson Family Canc Res Inst, Dept Pathol and Lab Med, 421 Curie Blvd, Room 554, BRB 2-3, Philadelphia, PA 19104 USA\*\*USA

AUTHOR E-MAIL ADDRESS: cjune@mail.med.upenn.edu

JOURNAL: Nature Biotechnology 26 (7): p808-816 JUL 2008 2008

ITEM IDENTIFIER: doi:10.1038/nbt1410

ISSN: 1087-0156

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

ABSTRACT: Homozygosity for the naturally occurring Delta 32 deletion in the HIV co-receptor \*\*\*CCR5\*\*\* confers resistance to HIV-1 infection. We generated an HIV-resistant genotype de novo using engineered zinc-finger nucleases (ZFNs) to disrupt endogenous \*\*\*CCR5\*\*\*. Transient expression of CCR5 ZFNs permanently and specifically disrupted similar to 50% of \*\*\*CCR5\*\*\* alleles in a pool of primary human CD4(+) T cells. Genetic disruption of CCR5 provided robust, stable and heritable protection against HIV-1 infection in vitro and in vivo in a NOG model of HIV infection. HIV-1-infected mice engrafted with ZFN-modified CD4(+) T cells had lower viral loads and higher CD4(+) T-cell counts than mice engrafted with wild-type CD4(+) T cells, consistent with the potential to reconstitute immune function in individuals with HIV/AIDS by maintenance of an HIV-resistant CD4(+) T-cell population. Thus adoptive transfer of ex vivo expanded CCR5 ZFN-modified autologous CD4(+) T cells in HIV patients is an attractive approach for the treatment of HIV-1 infection.

5/7/2 (Item 2 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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16497000 BIOSIS NO.: 200200090511

Adoptive transfer of costimulated CD4+ T cells induces expansion of peripheral T cells and decreased CCR5 expression in HIV infection

AUTHOR: Levine Bruce L (Reprint); Bernstein Wendy B; Aronson Naomi E; Schlienger Katia; Cotte Julio; Perfetto Steven; Humphries Mary J; Ratto-Kim Silvia; Bix Deborah L; Steffens Carolyn; Landay Alan; Carroll Richard G; June Carl H

AUTHOR ADDRESS: Abramson Family Cancer Research Institute, University of Pennsylvania Cancer Center, Philadelphia, PA, USA\*\*USA

JOURNAL: Nature Medicine 8 (1): p47-53 January, 2002 2002

MEDIUM: print

ISSN: 1078-8956

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

ABSTRACT: To study the safety and feasibility of T-cell reconstitution in HIV-infected individuals, we adoptively transferred activated autologous CD4+ T cells. Polyclonal peripheral blood CD4+ cells were costimulated ex

vivo and subjects were given infusions of up to  $3 \times 10^{10}$  activated CD4+ cells. Dose-dependent increases in CD4+ cell counts and in the CD4:CD8 ratio were observed. Sustained increases in the fraction of cytokine-secreting T cells and decreases in the percentage of CD4+ CCR5+ cells were noted in vivo, suggesting enhanced function and resistance to HIV infection. The frequency of CD4+Ki-67+ cells increased whereas CD4+ T cells containing T cell-receptor rearrangement excision circles (TRECs) decreased. These findings indicate that expansion of the peripheral T-cell pool mediated the increase in CD4 counts and suggest that approaches to reconstitute CD4 helper cell activity and decrease \*\*\*CCR5\*\*\* expression may augment natural immunity to HIV infection.

5/7/3 (Item 3 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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15606909 BIOSIS NO.: 200000325222  
Modulation of susceptibility to HIV-1 infection by the cytotoxic T lymphocyte antigen 4 costimulatory molecule  
AUTHOR: Riley James L; Schlienger Katia; Blair Patrick J; Carreno Beatriz; Craighead Nancy; Kim Daniel; Carroll Richard G; June Carl H (Reprint)  
AUTHOR ADDRESS: Department of Molecular and Cellular Engineering, University of Pennsylvania, 421 Curie Blvd., BRB II/III, Rm. 554, Philadelphia, PA, 19104-6160, USA\*\*USA  
JOURNAL: Journal of Experimental Medicine 191 (11): p1987-1997 June 5, 2000 2000  
MEDIUM: print  
ISSN: 0022-1007  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

ABSTRACT: CD4 T cells activated in vitro by anti-CD3/28-coated beads are resistant to infection by CC chemokine receptor 5 (CCR5)-dependent HIV-1 isolates. In vivo, antigen-presenting cells (APCs) activate CD4 T cells in part by signaling through the T cell receptor and CD28, yet cells stimulated in this manner are susceptible to HIV-1 infection. We show that cytotoxic T lymphocyte antigen 4 (CTLA-4) engagement counteracts the CD28 antiviral effects, and that the ratio of CTLA-4 to CD28 engagement determines the susceptibility of HIV-1 infection. Furthermore, unopposed CTLA-4 signaling provided by CD28 blockade promotes vigorous HIV-1 replication, despite minimal T cell proliferation. Finally, CTLA-4 antibodies decrease the susceptibility of antigen-activated CD4 T cells to HIV, suggesting a potential approach to prevent or limit viral spread in HIV-1-infected individuals.

5/7/4 (Item 4 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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15371686 BIOSIS NO.: 200000089999  
Influenza virus upregulates CXCR4 expression in CD4+ cells  
AUTHOR: Puri Anu (Reprint); Riley James L; Kim Daniel; Ritchey David W; Hug Peter; Jernigan Kristine; Rose Patrick; Blumenthal Robert; Carroll Richard G  
AUTHOR ADDRESS: Laboratory of Experimental and Computational Biology, NCI-FCRDC, Miller Drive, Bldg. 469, Rm. 211, Frederick, MD, 21702-1201, USA\*\*USA

JOURNAL: AIDS Research and Human Retroviruses 16 (1): p19-25 Jan. 1, 2000  
2000  
MEDIUM: print  
ISSN: 0889-2229  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

ABSTRACT: We examined the effect of prior influenza virus infection on the susceptibility of CD4+ cells to HIV-1 infection. Influenza virus infection of HeLa-CD4 cells resulted in a marked increase in susceptibility to infection by CXCR4-dependent but not CCR5-dependent HIV isolates. Influenza virus infection resulted in an increase in the steady state level of CXCR4 transcripts and an increase in cell surface CXCR4 expression. Our observations suggest that infectious agents such as influenza may contribute to HIV disease progression by modulating coreceptor availability.

5/7/5 (Item 5 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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15086084 BIOSIS NO.: 199900345744  
Constitutive cell surface association between CD4 and CCR5  
AUTHOR: Xiao Xiaodong; Wu Lijun; Stantchev Tzanko S; Feng Yan-Ru; Ugolini Sophie; Chen Hong; Shen Zhimin; Riley James L; Broder Christopher C ; Sattentau Quentin J; Dimitrov Dimitre S (Reprint)  
AUTHOR ADDRESS: Laboratory of Experimental and Computational Biology, National Cancer Institute-Frederick Cancer Research and Development Center, National Institutes of Health, Miller Drive, Building 469, Room 216, Frederick, MD, 21702-1201, USA\*\*USA  
JOURNAL: Proceedings of the National Academy of Sciences of the United States of America 96 (13): p7496-7501 June 22, 1999 1999  
MEDIUM: print  
ISSN: 0027-8424  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

ABSTRACT: HIV-1 entry into cells involves formation of a complex between gp120 of the viral envelope glycoprotein (Env), a receptor (CD4), and a coreceptor. For most strains of HIV, this coreceptor is \*\*\*CCR5\*\*\*. Here, we provide evidence that CD4 is specifically associated with CCR5 in the absence of gp120 or any other receptor-specific ligand. The amount of CD4 coimmunoprecipitated with CCR5 was significantly higher than that with the other major HIV coreceptor, CXCR4, and in contrast to CXCR4 the CD4-CCR5 coimmunoprecipitation was not significantly increased by gp120. The CD4- \*\*\*CCR5\*\*\* interaction probably takes place via the second extracellular loop of \*\*\*CCR5\*\*\* and the first two domains of CD4. It can be inhibited by CCR5- and CD4-specific antibodies that interfere with HIV-1 infection, indicating a possible role in virus entry. These findings suggest a possible pathway of HIV-1 evolution and development of immunopathogenicity, a potential new target for antiretroviral drugs and a tool for development of vaccines based on Env-CD4- \*\*\*CCR5\*\*\* complexes. The constitutive association of a seven-transmembrane-domain G protein-coupled receptor with another receptor also indicates new possibilities for cross-talk between cell surface receptors.



5/7/6 (Item 6 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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14687125 BIOSIS NO.: 199800481372

Naive and memory CD4 T cells differ in their susceptibilities to human immunodeficiency virus type 1 infection following CD28 costimulation: Implications for transmission and pathogenesis

AUTHOR: Riley James L; Levine Bruce L; Craighead Nancy; Francomano Tara; Kim Daniel; Carroll Richard G; June Carl H (Reprint)

AUTHOR ADDRESS: Mail Stop 061, Naval Med. Res. Inst., 8901 Wisconsin Ave., Bethesda, MD 20889-5607, USA\*\*USA

JOURNAL: Journal of Virology 72 (10): p8273-8280 Oct., 1998 1998

MEDIUM: print

ISSN: 0022-538X

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

ABSTRACT: In vitro evidence suggests that memory CD4+ cells are preferentially infected by human immunodeficiency virus type 1 (HIV-1), yet studies of HIV-1-infected individuals have failed to detect preferential memory cell depletion. To explore this paradox, we stimulated CD45RA+ CD4+ (naive) and CD45RO+ CD4+ (memory) cells with antibodies to CD3 and CD28 and infected them with either CCR5-dependent (R5) or CXCR4-dependent (X4) HIV-1 isolates. Naive CD4+ cells supported less X4 HIV replication than their memory counterparts. However, naive cells were susceptible to R5 viral infection, while memory cells remained resistant to infection and viral replication. As with the unseparated cells, mixing the naive and memory cells prior to infection resulted in cells resistant to R5 infection and highly susceptible to X4 infection. While both naive and memory CD4+ subsets downregulated CCR5 expression in response to CD28 costimulation, only the memory cells produced high levels of the beta-chemokines RANTES, MIP-1alpha-, and MIP-1beta upon stimulation. Neutralization of these beta-chemokines rendered memory CD4+ cells highly sensitive to infection with R5 HIV-1 isolates, indicating that downregulation of CCR5 is not sufficient to mediate complete protection from \*\*\*CCR5\*\*\* strains of HIV-1. These results indicate that susceptibility to R5 HIV-1 isolates is determined not only by the level of CCR5 expression but also by the balance of \*\*\*CCR5\*\*\* expression and beta-chemokine production. Furthermore, our results suggest a model of HIV-1 transmission and pathogenesis in which naive rather than memory CD4+ T cells serve as the targets for early rounds of HIV-1 replication.

5/7/7 (Item 7 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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14435548 BIOSIS NO.: 199800229795

Productive infection of neonatal CD8+ T lymphocytes by HIV-1

AUTHOR: Yang Liang Peng; Riley James L; Carroll Richard G; June Carl H; Hoxie James; Patterson Bruce K; Ohshima Yusei; Hodes Richard J; Delespesse Guy (Reprint)

AUTHOR ADDRESS: Universite de Montreal, Centre de Recherche Louis-Charles Simard, Laboratoire de Recherche en Allergic, Hopital Notre-Dame, 1560 Sherbrooke St. East, Montreal, PQ H2L 4M1, Canada\*\*Canada

JOURNAL: Journal of Experimental Medicine 187 (7): p1139-1144 April 6, 1998 1998

MEDIUM: print

ISSN: 0022-1007  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

ABSTRACT: CD8+ T lymphocytes confer significant but ultimately insufficient protection against HIV infection. Here we report that activated neonatal CD8+ T cells can be productively infected in vitro by macrophage-tropic (M-tropic) HIV-1 isolates, which are responsible for disease transmission, whereas they are resistant to T cell-tropic (T-tropic) HIV strains. Physiological activation of CD8-alpha/beta+ CD4- T cell receptor-alpha/beta+ neonatal T cells, including activation by allogeneic dendritic cells, induces the accumulation of CD4 messenger RNA and the expression of CD4 Ag on the cell surface. The large majority of anti-CD3/B7.1-activated cord blood CD8+ T cells coexpress CD4, the primary HIV receptor, as well as CCR5 and CXCR4, the coreceptors used by M- and T-tropic HIV-1 strains, respectively, to enter target cells. These findings are relevant to the rapid progression of neonatal HIV infection. Infection of primary HIV-specific CD8+ T cells may compromise their survival and thus significantly contribute to the failure of the immune system to control the infection. Furthermore, these results indicate a previously unsuspected level of plasticity in the neonatal immune system in the regulation of CD4 expression by costimulation.

5/7/8 (Item 8 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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13992340 BIOSIS NO.: 199799626400  
Primary HIV isolates that are dual-tropic for the chemokine receptors ccR5 and cxcr4 (fusin, lestr)  
AUTHOR: Blatner Greta (Reprint); Blair Patrick; June Carl; Cohen David (Reprint)  
AUTHOR ADDRESS: Div. Basic Sci., National Cancer Inst., Bethesda, MD, USA\*\*  
USA  
JOURNAL: Journal of Acquired Immune Deficiency Syndromes and Human Retrovirology 14 (4): pA29 1997 1997  
CONFERENCE/MEETING: National AIDS Malignancy Conference Bethesda, Maryland, USA April 28-30, 1997; 19970428  
ISSN: 1077-9450  
DOCUMENT TYPE: Meeting; Meeting Abstract  
RECORD TYPE: Citation  
LANGUAGE: English

5/7/9 (Item 9 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2009 The Thomson Corporation. All rts. reserv.

13884652 BIOSIS NO.: 199799518712  
Differential regulation of HIV-1 fusion cofactor expression by CD28 costimulation of CD4+ T cells  
AUTHOR: Carroll Richard G; Riley James L; Levine Bruce L; Feng Yu; Kaushal Sumesh; Ritchey David W; Bernstein Wendy; Weislow Owen S; Brown Charles R; Berger Edward A; June Carl H (Reprint); St Louis Daniel C  
AUTHOR ADDRESS: Jackson Found. Advancement of Military Med., Rockville, MD 20850, USA\*\*USA  
JOURNAL: Science (Washington D C) 276 (5310): p273-276 1997 1997

ISSN: 0036-8075  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

ABSTRACT: Activation of CD4+ T lymphocytes from human immunodeficiency virus-type 1 (HIV 1)-infected donors with immobilized antibodies to CD3 and CD28 induces a virus resistant state. This effect is specific for macrophage-tropic HIV-1. Transcripts encoding CXCR4/Fusin, the fusion cofactor used by T cell line-tropic isolates, were abundant in CD3/CD28-stimulated cells, but transcripts encoding CCR5, the fusion cofactor used by macrophage-tropic viruses, were not detectable. Thus, CD3/CD28 costimulation induces an HIV-1-resistant phenotype similar to that seen in some highly exposed and HIV-uninfected individuals.

```
? s (anti(W)cd28 or cd28) and (okt3 or cd3 or anti(W)cd3) and (ccr5)
    2150355 ANTI
    27164 CD28
    4100 ANTI(W)CD28
    27164 CD28
    10854 OKT3
    96793 CD3
    2150355 ANTI
    96793 CD3
    21792 ANTI(W)CD3
    21581 CCR5
S6      146 (ANTI(W)CD28 OR CD28) AND (OKT3 OR CD3 OR ANTI(W)CD3) AND
          (CCR5)
```

```
? s s6 and (Cd4 or t(w)cell? or t(W)lymphocyt?)
```

Processing

Processing

Processing

```
    146 S6
    315023 CD4
    2361097 T
    14112659 CELL?
    873797 T(W)CELL?
    2361097 T
    1494652 LYMPHOCYT?
    574256 T(W)LYMPHOCYT?
S7      146 S6 AND (CD4 OR T(W)CELL? OR T(W)LYMPHOCYT?)
```

```
? rd s7
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    S8      85 RD S7 (unique items)
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? s s8 and py<1998
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Processing

Processing

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    85 S8
    46224530 PY<1998
S9      2 S8 AND PY<1998
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```
? rd s9
```

```
    S10     2 RD S9 (unique items)
```

```
? t s10/7/all
```

10/7/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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13884652 BIOSIS NO.: 199799518712

Differential regulation of HIV-1 fusion cofactor expression by CD28 costimulation of CD4+ T cells

AUTHOR: Carroll Richard G; Riley James L; Levine Bruce L; Feng Yu; Kaushal Sumesh; Ritchey David W; Bernstein Wendy; Weislow Owen S; Brown Charles R

; Berger Edward A; June Carl H (Reprint); St Louis Daniel C  
AUTHOR ADDRESS: Jackson Found. Advancement of Military Med., Rockville, MD  
20850, USA\*\*USA  
JOURNAL: Science (Washington D C) 276 (5310): p273-276 1997 1997  
ISSN: 0036-8075  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

ABSTRACT: Activation of CD4+ T lymphocytes from human immunodeficiency virus-type 1 (HIV 1)-infected donors with immobilized antibodies to \*\*\*CD3\*\*\* and \*\*\*CD28\*\*\* induces a virus resistant state. This effect is specific for macrophage-tropic HIV-1. Transcripts encoding CXCR4/Fusin, the fusion cofactor used by T cell line-tropic isolates, were abundant in CD3/CD28-stimulated cells, but transcripts encoding CCR5, the fusion cofactor used by macrophage-tropic viruses, were not detectable. Thus, \*\*\*CD3\*\*\* / CD28 costimulation induces an HIV-1-resistant phenotype similar to that seen in some highly exposed and HIV-uninfected individuals.

10/7/2 (Item 1 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2009 Dialog. All rts. reserv.

12682233 PMID: 9548484

Cloning and analysis of the promoter region of CCR5, a coreceptor for HIV-1 entry.

Moriuchi H; Moriuchi M; Fauci A S  
Laboratory of Immunoregulation, National Institute of Allergy and Infectious Diseases, National Institutes of Health, Bethesda, MD 20892, USA.

Journal of immunology (Baltimore, Md. - 1950) (UNITED STATES) Dec 1 1997, 159 (11) p5441-9, ISSN 0022-1767--Print Journal Code: 2985117R

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

The chemokine receptor CCR5 is a cofactor for cellular entry of macrophage-tropic strains of HIV-1. Expression of \*\*\*CCR5\*\*\* is restricted to T cells, macrophages, and certain cell lines; however, the mechanisms controlling its expression remain largely unknown. To delineate these mechanisms, approximately 1.0 kb of DNA from the immediate 5' upstream region of \*\*\*CCR5\*\*\* was cloned and characterized. \*\*\*CCR5\*\*\* promoter activity was up-regulated by PMA, and a region spanning -417 to +61 relative to the transcription start site was sufficient for the basal and induced activity. DNase I footprinting assays demonstrated several protected areas within this region, and gel shift assays determined binding sites for transcriptional factors Oct-1, Oct-2, T cell factor 1alpha, and GATA1. \*\*\*CCR5\*\*\* promoter activity was also induced by IL-2 or anti-CD3 Ab, while stimulation with anti-CD28 Ab markedly reduced CD3-mediated up-regulation of the CCR5 promoter. Flow cytometry confirmed the findings at the level of cell surface expression. Further delineation of the regulation of the \*\*\*CCR5\*\*\* promoter will be important for a more comprehensive understanding of the pathogenesis of HIV disease.

Record Date Created: 19980420

Record Date Completed: 19980420

? ds

Set	Items	Description
S1	258	E2-E5
S2	48	AU='CARROLL RICHARD G'
S3	96	AU='RILEY JAMES L'
S4	11	(S1 OR S2 OR S3) AND (CCR5)
S5	9	RD S4 (unique items)
S6	146	(ANTI(W)CD28 OR CD28) AND (OKT3 OR CD3 OR ANTI(W)CD3) AND - (CCR5)
S7	146	S6 AND (CD4 OR T(W)CELL? OR T(W)LYMPHOCYT?)
S8	85	RD S7 (unique items)
S9	2	S8 AND PY<1998
S10	2	RD S9 (unique items)

? t s8/3/all

8/3/1 (Item 1 from file: 5)  
 DIALOG(R)File 5:Biosis Previews(R)  
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0021044889 BIOSIS NO.: 200900386326  
 CD152 (CTLA-4) Determines CD4 T Cell Migration In Vitro  
 and In Vivo  
 AUTHOR: Knieke Karin (Reprint); Hoff Holger; Maszyna Frank; Kolar Paula;  
 Schrage Arnhold; Hamann Alf; Debes Gudrun F; Brunner-Weinzierl Monika C  
 AUTHOR ADDRESS: Otto Von Guericke Univ, Univ Kinderklin, Magdeburg, Germany  
 \*\*Germany  
 AUTHOR E-MAIL ADDRESS: monika.brunner-weinzierl@med.ovgu.de  
 JOURNAL: PLoS One 4 (5): pArticle No.: e5702 MAY 27 2009 2009  
 ITEM IDENTIFIER: doi:10.1371/journal.pone.0005702  
 ISSN: 1932-6203  
 DOCUMENT TYPE: Article  
 RECORD TYPE: Abstract  
 LANGUAGE: English

8/3/2 (Item 2 from file: 5)  
 DIALOG(R)File 5:Biosis Previews(R)  
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0020919886 BIOSIS NO.: 200900260220  
 T Cell Receptor Gene Transfer into Naive and Central Memory  
 Lymphocytes by Lentiviral Vectors for a Safe and Effective Adoptive  
 Immune Therapy of Leukemia  
 AUTHOR: Provasi Elena (Reprint); Pello Oscar Muniz; Magnani Zulma; Kuball  
 Jurgen; Lombardo Angelo; Bondanza Attilio; Gregory Philip D; Bordignon  
 Claudio; Holmes Michael C; Greenberg Phil D; Naldini Luigi; Bonini Chiara  
 AUTHOR ADDRESS: Ist Sci San Raffaele, Canc Immunotherapy and Gene Therapy  
 Program, I-20132 Milan, Italy\*\*Italy  
 JOURNAL: Blood 112 (11): p1209-1210 NOV 16 2008 2008  
 CONFERENCE/MEETING: 50th Annual Meeting of the American-  
 Society-of-Hematology San Francisco, CA, USA December 06 -09, 2008;  
 20081206  
 SPONSOR: Amer Soc Hematol  
 ISSN: 0006-4971  
 DOCUMENT TYPE: Meeting; Meeting Poster  
 RECORD TYPE: Abstract  
 LANGUAGE: English

8/3/3 (Item 3 from file: 5)  
 DIALOG(R)File 5:Biosis Previews(R)

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0020722483 BIOSIS NO.: 200900062817

Inhibition of HIV-1 Infectivity through an innate mechanisms involving naturally occurring IgM anti-leukocyte autoantibodies

AUTHOR: Lobo Peter I (Reprint); Schlegel Kailo H; Yuan Wen; Townsend Gregory C; White Jennifer A

AUTHOR ADDRESS: Univ Virginia Hlth Syst, Div Nephrol, Charlottesville, VA 22908 USA\*\*USA

JOURNAL: Human Antibodies 17 (1-2): p11-12 2008 2008

CONFERENCE/MEETING: 14th International Conference on Human Antibodies and Hybridomas New York, NY, USA November 12 -14, 2008; 20081112

ISSN: 1093-2607

DOCUMENT TYPE: Meeting; Meeting Abstract

RECORD TYPE: Citation

LANGUAGE: English

8/3/4 (Item 4 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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0020132943 BIOSIS NO.: 200800179882

Naturally occurring IgM anti-leukocyte autoantibodies (IgM-ALA) inhibit T cell activation and chemotaxis

AUTHOR: Lobo Peter I (Reprint); Schlegel Kailo H; Spencer Clinton E; Okusa Mark D; Chisholm Christopher; Mchedlishvili Nino; Park Andrew; Christ Constance; Burtner Christopher

AUTHOR ADDRESS: Univ Virginia Hlth Syst, Dept Internal Med and Nephrol, POB 800133, Charlottesville, VA 22908 USA\*\*USA

AUTHOR E-MAIL ADDRESS: pil@virginia.edu

JOURNAL: Journal of Immunology 180 (3): p1780-1791 FEB 1 2008 2008

ISSN: 0022-1767

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

8/3/5 (Item 5 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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0020028478 BIOSIS NO.: 200800075417

Nef-mediated enhancement of virion infectivity and stimulation of viral replication are fundamental properties of primate lentiviruses

AUTHOR: Muench Jan; Rajan Devi; Schindler Michael; Specht Anke; Ruecker Elke; Novembre Francis J; Nerrienet Eric; Mueller-Trutwin Michaela C; Peeters Martine; Hahn Beatrice H; Kirchhoff Frank (Reprint)

AUTHOR ADDRESS: Univ Ulm, Inst Virol, Albert Einstein Allee 11, D-89081 Ulm, Germany\*\*Germany

AUTHOR E-MAIL ADDRESS: frank.kirchhoff@uniklinik-ulm.de

JOURNAL: Journal of Virology 81 (24): p13852-13864 DEC 2007 2007

ITEM IDENTIFIER: doi:10.1128/JVI.00904-07

ISSN: 0022-538X

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

8/3/6 (Item 6 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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0020015561 BIOSIS NO.: 200800062500  
Intrinsic resistance to R5 tropic virus replication in CD4+T  
cells expanded in vitro using anti-CD3+CD28 beads  
despite high CD4 and CCR5 expression  
AUTHOR: Onlamoon N (Reprint); Hudson K; Bryan P; Mayne A E; Sundstrom J B;  
George M; Dandekar S; Ansari A A; Villinger F  
AUTHOR ADDRESS: Emory Univ, Dept Pathol and Lab Med, Atlanta, GA 30322 USA  
\*\*USA  
JOURNAL: Journal of Medical Primatology 36 (4-5): p301 AUG 2007 2007  
CONFERENCE/MEETING: 24th Annual Symposium on Nonhuman Primate Models for  
AIDS Atlanta, GA, USA October 04 -07, 2007; 20071004  
SPONSOR: Yerkes Natl Primate Res Ctr  
ISSN: 0047-2565  
DOCUMENT TYPE: Meeting; Meeting Abstract  
RECORD TYPE: Citation  
LANGUAGE: English

8/3/7 (Item 7 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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0019875661 BIOSIS NO.: 200700535402  
CD8(+) T cell activation and differentiation in allergic asthma  
and the impact of cytomegalovirus serological status  
AUTHOR: Bratke K (Reprint); Krieghoff L; Kuepper M; Luttmann W; Virchow L C  
AUTHOR ADDRESS: Univ Rostock, Med Clin, Dept Pneumol, Ernst Heydemann Str  
6, D-18057 Rostock, Germany\*\*Germany  
AUTHOR E-MAIL ADDRESS: kabratke@med.uni-rostock.de  
JOURNAL: Clinical and Experimental Immunology 149 (2): p311-316 AUG 2007  
2007  
ITEM IDENTIFIER: doi:10.1111/j.1365-2249.2007.03408.x  
ISSN: 0009-9104  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

8/3/8 (Item 8 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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0019756540 BIOSIS NO.: 200700416281  
Flow cytometry and CDR3 length spectratyping analysis of TCR V beta  
repertoire in eosinophilic bronchitis with hypereosinophilia: a case  
report  
AUTHOR: Guica G (Reprint); Mariani S; Vallari A; Stella S; Cignetti A;  
Heffler E; Rolla G  
AUTHOR ADDRESS: Univ Turin, Turin, Italy\*\*Italy  
JOURNAL: Allergy (Oxford) 62 (Suppl. 83): p514 JUN 2007 2007  
CONFERENCE/MEETING: 26th Congress of the  
European-Academy-of-Allergology-and-Clinical-Immunology Goteborg, SWEDEN  
June 09 -13, 2007; 20070609  
SPONSOR: European Acad Allergology & Clin Immunol  
ISSN: 0105-4538  
DOCUMENT TYPE: Meeting; Meeting Poster  
RECORD TYPE: Citation  
LANGUAGE: English

8/3/9 (Item 9 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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19383034 BIOSIS NO.: 200700042775  
Distribution of simian immunodeficiency virus target cells in vaginal  
tissues of normal rhesus macaques: Implications for virus transmission  
AUTHOR: Poonia Bhawna; Wang Xiaolei; Veazey Ronald S (Reprint)  
AUTHOR ADDRESS: Tulane Univ, Sch Med, Tulane Natl Primate Res Ctr, Div  
Comparat Pathol, 18703 3 Rivers Rd, Covington, LA 70433 USA\*\*USA  
AUTHOR E-MAIL ADDRESS: rveazey@tulane.edu  
JOURNAL: Journal of Reproductive Immunology 72 (1-2): p74-84 DEC 2006 2006  
ISSN: 0165-0378  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

8/3/10 (Item 10 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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19330515 BIOSIS NO.: 200600675910  
Itk influences the HIV life cycle in T cells  
AUTHOR: Schiralli Gillian M (Reprint); Readinger Julie; August Avery;  
Schwartzberg Pamela L; Henderson Andrew J  
AUTHOR ADDRESS: Penn State Univ, University Pk, PA 16802 USA\*\*USA  
JOURNAL: Journal of Immunology 176 (Suppl. S): pS91 APR 1 2006 2006  
CONFERENCE/MEETING: Annual Meeting of the  
American-Association-of-Immunologists Boston, MA, USA May 12 -16, 2006;  
20060512  
SPONSOR: Amer Assoc Immunologists  
ISSN: 0022-1767  
DOCUMENT TYPE: Meeting; Meeting Poster  
RECORD TYPE: Citation  
LANGUAGE: English

8/3/11 (Item 11 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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19313705 BIOSIS NO.: 200600659100  
Regulatory cytokines in ANCA-associated vasculitis  
AUTHOR: Vankova Z (Reprint); Rihova Z; Mareckova H; Jancova E; Rysava R;  
Zavada J; Merta M; Tesar V  
AUTHOR ADDRESS: Gen Fac Hosp, Prague, Czech Republic\*\*Czech Republic  
JOURNAL: Kidney & Blood Pressure Research 29 (3): p194 2006 2006  
CONFERENCE/MEETING: 18th Danube Symposium of Nephrology Novi Sad, SERBIA  
September 26 -28, 2006; 20060926  
ISSN: 1420-4096  
DOCUMENT TYPE: Meeting; Meeting Abstract  
RECORD TYPE: Citation  
LANGUAGE: English

8/3/12 (Item 12 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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19268611 BIOSIS NO.: 200600614006

Impacts of CCR5-and CXCR4-tropic simian-human immunodeficiency  
viruses on naive and memory T lymphocytes obtained from  
peripheral blood and gut-associated lymphoid tissues (GALTs) of adult  
rhesus macaques

AUTHOR: Pahar Bapi (Reprint); Zhao Wei; Ganapamo Fred; Cantu Mayra A;  
Veazey Ronald S; Marx Preston A; Lovgren-Bengtsson Karin; Sestak Karol  
AUTHOR ADDRESS: Tulane Natl Primate Res Ctr, Covington, LA 70433 USA\*\*USA  
JOURNAL: Journal of Medical Primatology 35 (4-5): p308-309 AUG 2006 2006  
CONFERENCE/MEETING: 23rd Annual Symposium on Nonhuman Primate Models for  
AIDS Portland, OR, USA September 21 -24, 2005; 20050921  
SPONSOR: Organ Natl Primate Res Ctr  
ISSN: 0047-2565  
DOCUMENT TYPE: Meeting; Meeting Poster  
RECORD TYPE: Citation  
LANGUAGE: English

8/3/13 (Item 13 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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19268573 BIOSIS NO.: 200600613968

Non-pathogenic SIV-infection of mandrillus sphinx is characterized by high  
viral load, moderate CD4+ T cell depletion, and low  
levels of T cell activation and apoptosis

AUTHOR: Sumpter Beth (Reprint); Souquiere Sandrine; Makuwa Maria; Reed  
Trish; Roques Pierre; Silvestri Guido  
AUTHOR ADDRESS: Emory Univ, Atlanta, GA 30329 USA\*\*USA  
JOURNAL: Journal of Medical Primatology 35 (4-5): p294-295 AUG 2006 2006  
CONFERENCE/MEETING: 23rd Annual Symposium on Nonhuman Primate Models for  
AIDS Portland, OR, USA September 21 -24, 2005; 20050921  
SPONSOR: Organ Natl Primate Res Ctr  
ISSN: 0047-2565  
DOCUMENT TYPE: Meeting; Meeting Abstract  
RECORD TYPE: Citation  
LANGUAGE: English

8/3/14 (Item 14 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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19268536 BIOSIS NO.: 200600613931

In vitro expansion of CD4+ T cells using anti-  
CD3 and co-stimulation does not prevent infection but limits SIV  
replication following mitogen stimulation of the expanded CD4+  
T cells and is independent of CCR5 expression

AUTHOR: Onlamoon Nattawat (Reprint); Hudson Krystalyn E; Bryan Patsy; Mayne  
Ann E; Ansari Aftab A; Villinger Francois  
AUTHOR ADDRESS: Emory Univ, Sch Med, Dept Pathol and Lab Med, Atlanta, GA  
30322 USA\*\*USA  
JOURNAL: Journal of Medical Primatology 35 (4-5): p279-280 AUG 2006 2006  
CONFERENCE/MEETING: 23rd Annual Symposium on Nonhuman Primate Models for  
AIDS Portland, OR, USA September 21 -24, 2005; 20050921  
SPONSOR: Organ Natl Primate Res Ctr  
ISSN: 0047-2565  
DOCUMENT TYPE: Meeting; Meeting Abstract  
RECORD TYPE: Citation  
LANGUAGE: English

8/3/15 (Item 15 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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19268526 BIOSIS NO.: 200600613921  
Relative depletion of CD4+ T cells from the mucosal  
associated lymphoid tissue (MALT) during non-pathogenic SIV infection of  
Sooty Mangabeys  
AUTHOR: Gordon Shari N (Reprint); Engram Jessica C; Dunham Richard M;  
Strobert Elizabeth A; Pandrea Ivona V; Staprans Silvja I; Silvestri Guido  
AUTHOR ADDRESS: Emory Univ, Emory Vaccine Ctr, Atlanta, GA 30329 USA\*\*USA  
JOURNAL: Journal of Medical Primatology 35 (4-5): p275-276 AUG 2006 2006  
CONFERENCE/MEETING: 23rd Annual Symposium on Nonhuman Primate Models for  
AIDS Portland, OR, USA September 21 -24, 2005; 20050921  
SPONSOR: Organ Natl Primate Res Ctr  
ISSN: 0047-2565  
DOCUMENT TYPE: Meeting; Meeting Abstract  
RECORD TYPE: Citation  
LANGUAGE: English

8/3/16 (Item 16 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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19268506 BIOSIS NO.: 200600613901  
Optimization of in vitro expansion of macaque CD4(+) T  
cells using anti-CD3 and co-stimulation for  
autotransfusion therapy  
AUTHOR: Onlamoon Nattawat; Hudson Krystal; Bryan Patsy; Mayne Ann E;  
Bonyhadi Mark; Berenson Ron; Sundstrom Bruce J; Bostik Pavel; Ansari  
Aftab A; Villinger Francois (Reprint)  
AUTHOR ADDRESS: Emory Univ, Dept Pathol and Lab Med, Sch Med, 101 Woodruff  
Circle Rm 2307, Atlanta, GA 30322 USA\*\*USA  
AUTHOR E-MAIL ADDRESS: fvillin@emory.edu  
JOURNAL: Journal of Medical Primatology 35 (4-5): p178-193 AUG 2006 2006  
ISSN: 0047-2565  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

8/3/17 (Item 17 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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18920379 BIOSIS NO.: 200600265774  
Activation of immunological network by chronic low-dose-rate irradiation in  
wild-type mouse strains: Analysis of immune cell populations and surface  
molecules  
AUTHOR: Ina Yasuhiro (Reprint); Sakai Kazuo  
AUTHOR ADDRESS: CRIEPI, LDRC, 2-11-1 Iwadokita, Komae, Tokyo 2018511, Japan  
\*\*Japan  
AUTHOR E-MAIL ADDRESS: hormesis@yasuhiro-ina-dmcs.jp  
JOURNAL: International Journal of Radiation Biology 81 (10): p721-729 OCT  
2005 2005  
ISSN: 0955-3002  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

8/3/18 (Item 18 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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18858367 BIOSIS NO.: 200600203762  
Thromboembolic complications in patients with ANCA-associated vasculitides  
AUTHOR: Rihova Zuzana (Reprint); Vankova Zdenka; Mareckova Helena; Jancova  
Eva; Zavada Jakub; Merta Miroslav; Rysava Romana; Reiterova Jana; Tesar  
Vladimir  
AUTHOR ADDRESS: Univ Magdeburg, Div Nephrol, D-39106 Magdeburg, Germany\*\*  
Germany  
JOURNAL: Nephrology Dialysis Transplantation 20 (Suppl. 5): pV233-V234 JUN  
2005 2005  
CONFERENCE/MEETING: 42nd Annual Meeting of the  
European-Renal-Association/European-Dialysis-and-Transplant-Association  
(ERA-EDTA) Istanbul, TURKEY June 04 -07, 2005; 20050604  
SPONSOR: European Renal Assoc  
European Diaysis &Transplant Assoc  
ISSN: 0931-0509  
DOCUMENT TYPE: Meeting; Meeting Abstract  
RECORD TYPE: Citation  
LANGUAGE: English

8/3/19 (Item 19 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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18110795 BIOSIS NO.: 200500017860  
Cytokine flexibility of early and differentiated memory T helper cells in  
juvenile idiopathic arthritis  
AUTHOR: Chiesa Sabrina; Prigione Ignazia; Morandi Fabio; Buoncompagni  
Antonella; Picco Paolo; Bocca Paola; Martini Alberto; Pistoia Vito;  
Gattorno Marco (Reprint)  
AUTHOR ADDRESS: Div Pediat 2, G Gaslini Sci Inst Children, Largo G Gaslini  
5, I-16147, Genoa, Italy\*\*Italy  
AUTHOR E-MAIL ADDRESS: marcogattorno@ospedale-gaslini.ge.it  
JOURNAL: Journal of Rheumatology 31 (10): p2048-2054 October 2004 2004  
MEDIUM: print  
ISSN: 0315-162X \_(ISSN print)  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

8/3/20 (Item 20 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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17781883 BIOSIS NO.: 200400148544  
Characteristic expansion of abnormal CD45RA+CD27-CD28-CCR7- effector  
lymphocytes with stable NK receptor expression in lymphoproliferative  
disease of granular lymphocytes.  
AUTHOR: Mitsui Takeki (Reprint); Maekawa Izuru (Reprint); Ishikawa Tomomi  
(Reprint); Koiso Hiromi (Reprint); Yokohama Akihiko (Reprint); Handa  
Hiroshi; Matsushima Takafumi (Reprint); Tsukamoto Norifumi (Reprint);  
Murakami Hirokazu; Nojima Yoshihisa (Reprint); Karasawa Masamitsu  
AUTHOR ADDRESS: Department of Medicine and Clinical Science, Graduate  
School of Medicine, Gunma University, Maebashi, Gunma, Japan\*\*Japan

JOURNAL: Blood 102 (11): p865a November 16, 2003 2003  
MEDIUM: print  
CONFERENCE/MEETING: 45th Annual Meeting of the American Society of Hematology San Diego, CA, USA December 06-09, 2003; 20031206  
SPONSOR: American Society of Hematology  
ISSN: 0006-4971  
DOCUMENT TYPE: Meeting; Meeting Poster; Meeting Abstract  
RECORD TYPE: Abstract  
LANGUAGE: English

8/3/21 (Item 21 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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17574475 BIOSIS NO.: 200300529372  
Comparative immunophenotypic features of EBV-positive and EBV-negative atypical lymphocytosis.  
AUTHOR: Hudnall S David (Reprint); Patel Jyoti; Schwab Hanna; Martinez Jose  
AUTHOR ADDRESS: Department of Pathology, Medical Branch, University of Texas, 301 University Blvd., Galveston, TX, 77555-0741, USA\*\*USA  
AUTHOR E-MAIL ADDRESS: shudnall@utmb.edu  
JOURNAL: Cytometry 55B (1): p22-28 September 2003 2003  
MEDIUM: print  
ISSN: 0196-4763 \_(ISSN print)  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

8/3/22 (Item 22 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2009 The Thomson Corporation. All rts. reserv.

17547736 BIOSIS NO.: 200300502764  
Down-regulation of cell surface CXCR6 expression during T cell activation is predominantly mediated by calcineurin.  
AUTHOR: Koprak Samuel (Reprint); Matheravidathu Stephen; Springer Martin; Gould Sandra; Dumont Francis J  
AUTHOR ADDRESS: Department of Atherosclerosis and Endocrinology, 126 East Lincoln Avenue, Rahway, NJ, 07065, USA\*\*USA  
AUTHOR E-MAIL ADDRESS: samkoprak@merck.com  
JOURNAL: Cellular Immunology 223 (1): p1-12 May 2003 2003  
MEDIUM: print  
ISSN: 0008-8749  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

8/3/23 (Item 23 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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17297442 BIOSIS NO.: 200300256161  
Transfer of severe experimental autoimmune encephalomyelitis by IL-12- and IL-18-potentiated \*\*\*T\*\*\* \*\*\*cells\*\*\* is estrogen sensitive.  
AUTHOR: Ito Atsushi; Matejuk Agata; Hopke Corwyn; Drought Heather; Dwyer Jami; Zamora Alex; Subramanian Sandhya; Vandenbark Arthur A; Offner Halina (Reprint)  
AUTHOR ADDRESS: Neuroimmunology Research, Portland Veterans Affairs Medical

Center, 3710 SW U.S. Veterans Hospital Road, R and D-31, Portland, OR,  
97239, USA\*\*USA  
AUTHOR E-MAIL ADDRESS: offnerva@ohsu.edu  
JOURNAL: Journal of Immunology 170 (9): p4802-4809 May 1, 2003 2003  
MEDIUM: print  
ISSN: 0022-1767 \_(ISSN print)  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

8/3/24 (Item 24 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2009 The Thomson Corporation. All rts. reserv.

17252317 BIOSIS NO.: 200300211036  
Optimization of ex vivo activation and expansion of macaque primary  
CD4-enriched peripheral blood mononuclear cells for use in Anti-HIV  
immunotherapy and gene therapy strategies.  
AUTHOR: Zhang Dongsheng; Murakami Akikazu; Johnson R Paul; Sui Jianhua;  
Cheng Jihua; Bai Jirong; Marasco Wayne A (Reprint)  
AUTHOR ADDRESS: Department of Cancer Immunology and AIDS, Dana-Farber  
Cancer Institute, 44 Binney Street, JFB 824, Boston, MA, 02115, USA\*\*USA  
AUTHOR E-MAIL ADDRESS: waynemarasco@dfci.harvard.edu  
JOURNAL: JAIDS Journal of Acquired Immune Deficiency Syndromes 32 (3): p  
245-254 March 2003 2003  
MEDIUM: print  
ISSN: 1525-4135 \_(ISSN print)  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

8/3/25 (Item 25 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2009 The Thomson Corporation. All rts. reserv.

17233722 BIOSIS NO.: 200300192441  
Transfer of severe EAE by IL-12 and IL-18 potentiated T cells  
is estrogen sensitive.  
AUTHOR: Matejuk Agata (Reprint); Ito Atsushi; Dwyer Jami (Reprint);  
Vandenbark Arthur A (Reprint); Offner Halina (Reprint)  
AUTHOR ADDRESS: Portland, OR, USA\*\*USA  
JOURNAL: Neurology 60 (5 Supplement 1): pA218 March 11, 2003 2003  
MEDIUM: print  
CONFERENCE/MEETING: 55th Annual Meeting of the American Academy of  
Neurology Honolulu, Hawaii, USA March 29-April 05, 2003; 20030329  
ISSN: 0028-3878 \_(ISSN print)  
DOCUMENT TYPE: Meeting; Meeting Abstract  
RECORD TYPE: Citation  
LANGUAGE: English

8/3/26 (Item 26 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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16775656 BIOSIS NO.: 200200369167  
Down-regulation of CXCR6 during T cell activation  
AUTHOR: Koprak Sam L (Reprint); Matheravidathu Steven (Reprint); Springer  
Marty (Reprint); Dumont Francis J (Reprint)

AUTHOR ADDRESS: Atherosclerosis and Endocrinology, Merck Research Labs,  
Bldg. 80W-107, Rahway, NJ, 07065, USA\*\*USA  
JOURNAL: FASEB Journal 16 (4): pA723-A724 March 20, 2002 2002  
MEDIUM: print  
CONFERENCE/MEETING: Annual Meeting of the Professional Research Scientists  
on Experimental Biology New Orleans, Louisiana, USA April 20-24, 2002;  
20020420  
ISSN: 0892-6638  
DOCUMENT TYPE: Meeting; Meeting Abstract  
RECORD TYPE: Abstract  
LANGUAGE: English

8/3/27 (Item 27 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2009 The Thomson Corporation. All rts. reserv.

16771182 BIOSIS NO.: 200200364693  
Induction of the chemokine receptor CXCR3 on TCR-stimulated T  
cells: Dependence on the release from persistent TCR-triggering and  
requirement for IFN-gamma stimulation  
AUTHOR: Nakajima Chigusa; Mukai Takao; Yamaguchi Nobuya; Morimoto Yasunari;  
Park Woong-Ryeon; Iwasaki Masayuki; Gao Ping; Ono Shiro; Fujiwara Hiromi  
(Reprint); Hamaoka Toshiyuki  
AUTHOR ADDRESS: Department of Oncology, Osaka University Graduate School of  
Medicine, 2-2, Yamada-oka, Suita, Osaka, 565-0871, Japan\*\*Japan  
JOURNAL: European Journal of Immunology 32 (6): p1792-1801 June, 2002 2002  
MEDIUM: print  
ISSN: 0014-2980  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

8/3/28 (Item 28 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2009 The Thomson Corporation. All rts. reserv.

16627562 BIOSIS NO.: 200200221073  
CTLA-4 upregulation during HIV infection: Association with anergy and  
possible target for therapeutic intervention  
AUTHOR: Leng Qibin; Bentwich Zvi (Reprint); Magen Eli; Kalinkovich  
Alexander; Borkow Gadi  
AUTHOR ADDRESS: AIDS Center, Ruth Ben-Ar Institute of Clinical Immunology,  
Kaplan Medical Center, Rehovot, 76100, Israel\*\*Israel  
JOURNAL: AIDS (Hagerstown) 16 (4): p519-529 8 March, 2002 2002  
MEDIUM: print  
ISSN: 0269-9370  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

8/3/29 (Item 29 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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16555960 BIOSIS NO.: 200200149471  
IFN-alpha acts on T-cell receptor-triggered human peripheral  
leukocytes to up-regulate CCR5 expression on CD4+ and CD8+  
T cells

AUTHOR: Yang Yi-Fu; Tomura Michio; Iwasaki Masayuki; Ono Shiro; Zou  
Jian-Ping; Uno Kazuko; Shearer Gene M; Fujiwara Hiromi (Reprint); Hamaoka  
Toshiyuki  
AUTHOR ADDRESS: Department of Oncology, Graduate School of Medicine, Osaka  
University, 2-2, Yamada-oka, C6, Suita, Osaka, 565-0871, Japan\*\*Japan  
JOURNAL: Journal of Clinical Immunology 21 (6): p402-409 November, 2001  
2001  
MEDIUM: print  
ISSN: 0271-9142  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

8/3/30 (Item 30 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2009 The Thomson Corporation. All rts. reserv.

16334291 BIOSIS NO.: 200100506130  
Evidence for a post-entry barrier to R5 HIV-1 infection of CD4 memory  
T cells  
AUTHOR: Vyakarnam Annapurna (Reprint); Eyeson Josiah; Teo Ian; Zuckerman  
Mark; Babaahmady Kaboutar; Schuitemaker Hanneke; Shaunak Sunil; Rostron  
Timothy; Rowland-Jones Sarah; Simmons Graham; Clapham Paul  
AUTHOR ADDRESS: Department of Immunology, GKT School of Medicine and  
Dentistry, Rayne Institute, 123 Coldharbour Lane, London, SE5 9NU, UK\*\*UK  
JOURNAL: AIDS (Hagerstown) 15 (13): p1613-1626 7 September, 2001 2001  
MEDIUM: print  
ISSN: 0269-9370  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

8/3/31 (Item 31 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2009 The Thomson Corporation. All rts. reserv.

16334274 BIOSIS NO.: 200100506113  
Naive CD4 T cells inhibit CD28-costimulated R5 HIV  
replication in memory CD4 T cells  
AUTHOR: Mengozzi Manuela; Malipatlolla Meena; De Rosa Stephen C; Herzenberg  
Leonard A; Herzenberg Leonore A; Roederer Mario (Reprint)  
AUTHOR ADDRESS: Vaccine Research Center, National Institute of Allergy and  
Infectious Diseases/National Institutes of Health, Bethesda, MD,  
20892-3015, USA\*\*USA  
JOURNAL: Proceedings of the National Academy of Sciences of the United  
States of America 98 (20): p11644-11649 September 25, 2001 2001  
MEDIUM: print  
ISSN: 0027-8424  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

8/3/32 (Item 32 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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16090644 BIOSIS NO.: 200100262483  
CADA: A chemotherapeutic compound that inhibits HIV and HHV-7 replication

by down-modulation of the CD4 receptor expression  
AUTHOR: Zhang Y (Reprint); Bell T W; Samala M F; Sodoma A; Princen K  
(Reprint); De Clercq E (Reprint); Schols D (Reprint)  
AUTHOR ADDRESS: Rega Institute for Medical Research, K.U. Leuven, B-3000,  
Leuven, Belgium\*\*Belgium  
JOURNAL: Antiviral Research 50 (1): pA48 April, 2001 2001  
MEDIUM: print  
CONFERENCE/MEETING: Fourteenth International Conference on Antiviral  
Research Seattle, Washington, USA April 08-12, 2001; 20010408  
ISSN: 0166-3542  
DOCUMENT TYPE: Meeting; Meeting Abstract  
RECORD TYPE: Citation  
LANGUAGE: English

8/3/33 (Item 33 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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16075408 BIOSIS NO.: 200100247247  
IL-12 as well as IL-2 upregulates CCR5 expression on T  
cell receptor-triggered human CD4+ and CD8+ T  
cells  
AUTHOR: Yang Yi-Fu; Tomura Michio; Iwasaki Masayuki; Mukai Takao; Gao Ping;  
Ono Shiro; Zou Jian-Ping; Shearer Gene M; Fujiwara Hiromi (Reprint);  
Hamaoka Toshiyuki  
AUTHOR ADDRESS: Department of Oncology, Biomedical Research Center, Osaka  
University Graduate School of Medicine, 2-2, Yamada-oka, C6, Suita,  
Osaka, 565-0871, Japan\*\*Japan  
JOURNAL: Journal of Clinical Immunology 21 (2): p116-125 March, 2001 2001  
MEDIUM: print  
ISSN: 0271-9142  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

8/3/34 (Item 34 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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15637316 BIOSIS NO.: 200000355629  
Thalidomide suppresses up-regulation of human immunodeficiency virus  
coreceptors CXCR4 and CCR5 on CD4+ T cells in  
humans  
AUTHOR: Juffermans Nicole P (Reprint); Verbon Annelies; Olszyna Dariusz P;  
van Deventer Sander J H; Speelman Peter; van der Poll Tom  
AUTHOR ADDRESS: Laboratory of Experimental Medicine, Academic Medical  
Center, Meibergdreef 9, Room G2-105, 1105 AZ, Amsterdam, Netherlands\*\*  
Netherlands  
JOURNAL: Journal of Infectious Diseases 181 (5): p1813-1816 May, 2000 2000  
MEDIUM: print  
ISSN: 0022-1899  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

8/3/35 (Item 35 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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15629661 BIOSIS NO.: 200000347974

A novel role for tumor necrosis factor-alpha in regulating susceptibility of activated CD4+ T cells from human and nonhuman primates for distinct coreceptor using lentiviruses

AUTHOR: Brice G T (Reprint); Mayne A E; Villinger F; Ansari A A

AUTHOR ADDRESS: Department of Pathology and Laboratory Medicine, Winship Cancer Center, Emory University School of Medicine, 1365B Clifton Road, Room 4107 B, Atlanta, GA, 30322, USA\*\*USA

JOURNAL: JAIDS Journal of Acquired Immune Deficiency Syndromes 24 (1): p 10-22 May 1, 2000 2000

MEDIUM: print

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

8/3/36 (Item 36 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2009 The Thomson Corporation. All rts. reserv.

15606909 BIOSIS NO.: 200000325222

Modulation of susceptibility to HIV-1 infection by the cytotoxic T lymphocyte antigen 4 costimulatory molecule

AUTHOR: Riley James L; Schlienger Katia; Blair Patrick J; Carreno Beatriz; Craighead Nancy; Kim Daniel; Carroll Richard G; June Carl H (Reprint)

AUTHOR ADDRESS: Department of Molecular and Cellular Engineering, University of Pennsylvania, 421 Curie Blvd., BRB II/III, Rm. 554, Philadelphia, PA, 19104-6160, USA\*\*USA

JOURNAL: Journal of Experimental Medicine 191 (11): p1987-1997 June 5, 2000 2000

MEDIUM: print

ISSN: 0022-1007

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

8/3/37 (Item 37 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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15474879 BIOSIS NO.: 200000193192

Inhibition of CD3/CD28-mediated activation of the MEK/ERK signaling pathway represses replication of X4 but not R5 human immunodeficiency virus type 1 in peripheral blood CD4+ T lymphocytes

AUTHOR: Popik Waldemar (Reprint); Pitha Paula M

AUTHOR ADDRESS: Oncology Center, Johns Hopkins University, 418 N. Bond St., Baltimore, MD, 21231-1001, USA\*\*USA

JOURNAL: Journal of Virology 74 (6): p2558-2566 March, 2000 2000

MEDIUM: print

ISSN: 0022-538X

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

8/3/38 (Item 38 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2009 The Thomson Corporation. All rts. reserv.

15284957 BIOSIS NO.: 200000003270

The mode and duration of anti-CD28 costimulation determine resistance to infection by macrophage-tropic strains of human immunodeficiency virus type 1 in vitro

AUTHOR: Creson Jennifer R; Lin Andy A; Li Qun; Broad David F; Roberts Margo R; Anderson Stephen J (Reprint)

AUTHOR ADDRESS: Becton Dickinson Biosciences, 2350 Qume Dr., San Jose, CA, 95131-1807, USA\*\*USA

JOURNAL: Journal of Virology 73 (11): p9337-9347 Nov., 1999 1999

MEDIUM: print

ISSN: 0022-538X

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

8/3/39 (Item 39 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2009 The Thomson Corporation. All rts. reserv.

14687125 BIOSIS NO.: 199800481372

Naive and memory CD4 T cells differ in their susceptibilities to human immunodeficiency virus type 1 infection following CD28 costimulation: Implications for transmission and pathogenesis

AUTHOR: Riley James L; Levine Bruce L; Craighead Nancy; Francomano Tara; Kim Daniel; Carroll Richard G; June Carl H (Reprint)

AUTHOR ADDRESS: Mail Stop 061, Naval Med. Res. Inst., 8901 Wisconsin Ave., Bethesda, MD 20889-5607, USA\*\*USA

JOURNAL: Journal of Virology 72 (10): p8273-8280 Oct., 1998 1998

MEDIUM: print

ISSN: 0022-538X

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

8/3/40 (Item 40 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2009 The Thomson Corporation. All rts. reserv.

14611024 BIOSIS NO.: 199800405271

Maturation of human neonatal CD4+ and CD8+ T lymphocytes into Th1/Th2 effectors

AUTHOR: Delespesse Guy; Yang Liang Peng; Ohshima Yusei; Demeure Christian; Shu Uno; Byun Dae Gyoo; Sarfati M

AUTHOR ADDRESS: Univ. Montreal, Centre Rech. Louis-Charles Simard, Campus Notre-Dame CHUM, 1560 Sherbrooke St. E., Montreal, PQ H2L 4M1, Canada\*\*Canada

JOURNAL: Vaccine 16 (14-15): p1415-1419 Aug.-Sept., 1998 1998

MEDIUM: print

ISSN: 0264-410X

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

8/3/41 (Item 41 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2009 The Thomson Corporation. All rts. reserv.

13884652 BIOSIS NO.: 199799518712  
Differential regulation of HIV-1 fusion cofactor expression by CD28  
costimulation of CD4+ T cells  
AUTHOR: Carroll Richard G; Riley James L; Levine Bruce L; Feng Yu; Kaushal  
Sumesh; Ritchey David W; Bernstein Wendy; Weislow Owen S; Brown Charles R  
; Berger Edward A; June Carl H (Reprint); St Louis Daniel C  
AUTHOR ADDRESS: Jackson Found. Advancement of Military Med., Rockville, MD  
20850, USA\*\*USA  
JOURNAL: Science (Washington D C) 276 (5310): p273-276 1997 1997  
ISSN: 0036-8075  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

8/3/42 (Item 1 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2009 Elsevier B.V. All rts. reserv.

0082723648 EMBASE No: 2008557210  
Immune active effect of chemokine RANTES on human peripheral mononuclear  
cells  
Gu X.; Zhao H.; Yang J.; Zhou G.-C.; Gu S.-Y.; Gu T.  
Department of Urologic Surgery, Clinical Medical College, Yangzhou  
University, Yangzhou 225001 Jiangsu Province, China  
AUTHOR EMAIL: guxiao222@hotmail.com  
CORRESP. AUTHOR/AFFIL: Gu X.: Department of Urologic Surgery, Clinical  
Medical College, Yangzhou University, Yangzhou 225001 Jiangsu Province,  
China  
CORRESP. AUTHOR EMAIL: guxiao222@hotmail.com

Journal of Clinical Rehabilitative Tissue Engineering Research ( J. Clin.  
Rehab. Tissue Eng. Res. ) (China) September 30, 2008, 12/40 (7959-7962)  
ISSN: 1673-8225  
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English; Chinese  
NUMBER OF REFERENCES: 20

8/3/43 (Item 2 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2009 Elsevier B.V. All rts. reserv.

0082514368 EMBASE No: 2008349318  
HIV Nef: Role in pathogenesis and viral fitness  
Arien K.K.; Verhasselt B.  
HIVLab, Department of Clinical Chemistry Microbiology and Immunology,  
Ghent University, De Pintelaan 185, B-9000 Gent, Belgium  
AUTHOR EMAIL: kevin.arien@ugent.be  
CORRESP. AUTHOR/AFFIL: Arien K.K.: HIVLab, Department of Clinical  
Chemistry Microbiology and Immunology, Ghent University, De Pintelaan 185,  
B-9000 Gent, Belgium  
CORRESP. AUTHOR EMAIL: kevin.arien@ugent.be

Current HIV Research ( Curr. HIV Res. ) (Netherlands) May 1, 2008, 6/3  
(200-208)  
CODEN: CHRUB ISSN: 1570-162X  
DOI: 10.2174/157016208784325001  
URL:  
<http://www.ingentaconnect.com/content/ben/chr/2008/00000006/00000003/art000>

03

DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 124

8/3/44 (Item 3 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2009 Elsevier B.V. All rts. reserv.

0082391366 EMBASE No: 2008185954

T cells in cardiac allograft vasculopathy are skewed to  
memory Th-1 cells in the presence of a distinct Th-2 population  
Hagemeijer M.C.; Van Oosterhout M.F.M.; Van Wichen D.F.; Van Kuik J.;  
Siera-De Koning E.; Gmelig Meyling F.H.J.; Schipper M.E.I.; De Jonge N.; De  
Weger R.A.

Department of Pathology, University Medical Center Utrecht, Netherlands  
AUTHOR EMAIL: r.deweger@umcutrecht.nl  
CORRESP. AUTHOR/AFFIL: De Weger R. A.: Department of Pathology,  
University Medical Center Utrecht, Netherlands  
CORRESP. AUTHOR EMAIL: r.deweger@umcutrecht.nl

American Journal of Transplantation ( Am. J. Transplant. ) (United  
Kingdom) May 1, 2008, 8/5 (1040-1050)  
CODEN: AJTMB ISSN: 1600-6135 eISSN: 1600-6143  
DOI: 10.1111/j.1600-6143.2008.02198.x  
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 42

8/3/45 (Item 4 from file: 73)  
DIALOG(R)File 73:EMBASE  
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0082241876 EMBASE No: 2008032590

The effect of aging and caloric restriction on murine CD8+ T  
cell chemokine receptor gene expression

Yung R.; Mo R.R.; Grolleau-Julius A.; Hoeltzel M.

Department of Internal Medicine, University of Michigan, Ann Arbor, MI,  
United States; Geriatrics Research, Education and Clinical Center, Ann  
Arbor Veteran Affairs Medical Center, Ann Arbor, MI, United States

AUTHOR EMAIL: ryung@umich.edu; rrmo@umich.edu; grolleau@umich.edu;  
schroedr@umich.edu

CORRESP. AUTHOR/AFFIL: Yung R.: Department of Internal Medicine,  
University of Michigan, Ann Arbor, MI, United States  
CORRESP. AUTHOR EMAIL: ryung@umich.edu

Immunity and Ageing ( Immun. Ageing ) (United Kingdom) November 14, 2007  
, 4/-

ISSN: 1742-4933

DOI: 10.1186/1742-4933-4-8

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DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract

LANGUAGE: English SUMMARY LANGUAGE: English

NUMBER OF REFERENCES: 50

8/3/46 (Item 5 from file: 73)  
DIALOG(R)File 73:EMBASE  
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0081141546 EMBASE No: 2006203586

Modelling thymic HIV-1 nef effects

Stove V.; Verhasselt B.

Department of Clinical Chemistry Microbiology and Immunology, Ghent University, 4 Blok A De Pintelaan 185, B-9000 Ghent, Belgium

AUTHOR EMAIL: bruno.verhasselt@UGent.be

CORRESP. AUTHOR/AFFIL: Verhasselt B.: Department of Clinical Chemistry Microbiology and Immunology, Ghent University Hospital, 4 Blok A de Pintelaan 185, B-9000 Ghent, Belgium

CORRESP. AUTHOR EMAIL: bruno.verhasselt@UGent.be

Current HIV Research ( Curr. HIV Res. ) (Netherlands) January 1, 2006, 4/1 (57-64)

CODEN: CHRUB ISSN: 1570-162X

DOI: 10.2174/157016206775197583

URL:

<http://www.ingentaconnect.com/content/ben/chr/2006/00000004/00000001/art00006>

DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract

LANGUAGE: English SUMMARY LANGUAGE: English

NUMBER OF REFERENCES: 83

8/3/47 (Item 6 from file: 73)

DIALOG(R)File 73:EMBASE

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0080688542 EMBASE No: 2005332860

Apoptosis of HIV-specific CD8+ T cells: An HIV evasion strategy

Petrovas C.; Mueller Y.M.; Katsikis P.D.

Department of Microbiology and Immunology, Institute for Molecular Medicine and Infectious Disease, Drexel University College of Medicine, 2900 Queen Lane, Philadelphia, PA 19129, United States

AUTHOR EMAIL: katsikis@drexel.edu

CORRESP. AUTHOR/AFFIL: Katsikis P.D.: Department of Microbiology and Immunology, Institute for Molecular Medicine and Infectious Disease, Drexel University College of Medicine, 2900 Queen Lane, Philadelphia, PA 19129, United States

CORRESP. AUTHOR EMAIL: katsikis@drexel.edu

Cell Death and Differentiation ( Cell Death Differ. ) (United Kingdom)

August 1, 2005, 12/SUPPL. 1 (859-870)

CODEN: CDDIE ISSN: 1350-9047

DOI: 10.1038/sj.cdd.4401595

DOCUMENT TYPE: Journal; Review RECORD TYPE: Citation

LANGUAGE: English

NUMBER OF REFERENCES: 215

8/3/48 (Item 7 from file: 73)

DIALOG(R)File 73:EMBASE

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0080489597 EMBASE No: 2005133760

Technological advances in adoptive immunotherapy

Oelke M.; Krueger C.; Schneck J.P.

Department of Pathology and Medicine, Johns Hopkins School of Medicine, Baltimore, MD, United States; Johns Hopkins University, School of Medicine, Department of Pathology, 720 Rutland Ave., Baltimore, MD

21205-2196, United States  
AUTHOR EMAIL: bmpe5@cs.com  
CORRESP. AUTHOR/AFFIL: Oelke M.: Johns Hopkins University, School of  
Medicine, Department of Pathology, 720 Rutland Ave., Baltimore, MD  
21205-2196, United States  
CORRESP. AUTHOR EMAIL: bmpe5@cs.com

Drugs of Today ( Drugs Today ) (Spain) January 1, 2005, 41/1 (13-21)  
CODEN: MDACA ISSN: 0025-7656  
DOI: 10.1358/dot.2005.41.1.875775  
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 41

8/3/49 (Item 8 from file: 73)  
DIALOG(R)File 73:EMBASE  
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0079883314 EMBASE No: 2004068195  
HIV-1-Specific Memory CD4 SUP + T Cells Are  
Phenotypically Less Mature Than Cytomegalovirus-Specific Memory CD4  
SUP + T Cells  
Yue F.Y.; Kovacs C.M.; Dimayuga R.C.; Parks P.; Ostrowski M.A.  
Clinical Sciences Division, University of Toronto, Toronto, Ont., Canada  
AUTHOR EMAIL: m.ostrowski@utoronto.ca  
CORRESP. AUTHOR/AFFIL: Ostrowski M.A.: Clinical Sciences Division,  
University of Toronto, 1 King's College Circle, Toronto, Ont. M5S 1A8,  
Canada  
CORRESP. AUTHOR EMAIL: m.ostrowski@utoronto.ca

Journal of Immunology ( J. Immunol. ) (United States) February 15, 2004  
, 172/4 (2476-2486)  
CODEN: JOIMA ISSN: 0022-1767  
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 23

8/3/50 (Item 9 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2009 Elsevier B.V. All rts. reserv.

0079797691 EMBASE No: 2003508406  
RANTES Produced by Activated Lymphocytes Costimulated by Anti-  
CD3 mAb and Anti-CD28 mAb  
Gu X.; Tang X.-D.; Gu S.-Y.; Yang S.-Q.; Zhou P.-J.; Xu D.; Wang X.-H.;  
Tan J.-M.  
Clin. O. Transplant. Ctr. Shanghai, Shanghai First People's Hospital,  
Shanghai 200080, China  
CORRESP. AUTHOR/AFFIL: Gu X.: Clin. O. Transplant. Ctr. Shanghai,  
Shanghai First People's Hospital, Shanghai 200080, China

Fudan University Journal of Medical Sciences ( Fudan Univ. J. Med. Sci. )  
(China) November 1, 2003, 30/6 (546-548)  
CODEN: FXYUA ISSN: 0257-8131  
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract  
LANGUAGE: Chinese SUMMARY LANGUAGE: English; Chinese  
NUMBER OF REFERENCES: 8

8/3/51 (Item 10 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2009 Elsevier B.V. All rts. reserv.

0079477820 EMBASE No: 2003183243  
Suppressor T lymphocytes  
Znovuoziivenie existencie supresorovych T-lymfocytov  
Buc M.  
Imunologicky Ustav, Lekarska Fakulta UK, Bratislava, Slovakia  
CORRESP. AUTHOR/AFFIL: Buc M.: Imunologicky Ustav, Lekarska Fakulta UK,  
Bratislava, Slovakia

Klinicka Imunologia a Alergologia ( Klin. Imunol. Alergol. ) (Slovakia)  
May 20, 2003, 13/1 (30-34)  
CODEN: KIALE ISSN: 1335-0013  
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract  
LANGUAGE: Slovak SUMMARY LANGUAGE: English; Slovak  
NUMBER OF REFERENCES: 23

8/3/52 (Item 11 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2009 Elsevier B.V. All rts. reserv.

0079073038 EMBASE No: 2002236774  
Lentiviral transduction of human T-lymphocytes with a RANTES  
intrakine inhibits human immunodeficiency virus type 1 infection  
Schroers R.; Davis C.M.; Wagner H.-J.; Chen S.-Y.  
Center for Cell and Gene Therapy, Baylor College of Medicine, Dept. of  
Molecular/Human Genetics, One Baylor Plaza, Houston, TX 77030, United  
States  
CORRESP. AUTHOR/AFFIL: Chen S.-Y.: Center for Cell and Gene Therapy,  
Baylor College of Medicine, Dept. of Molecular/Human Genetics, One Baylor  
Plaza, Houston, TX 77030, United States

Gene Therapy ( Gene Ther. ) (United Kingdom) July 15, 2002, 9/13  
(889-897)  
CODEN: GETHE ISSN: 0969-7128  
DOI: 10.1038/sj.gt.3301711  
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 44

8/3/53 (Item 12 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2009 Elsevier B.V. All rts. reserv.

0079049191 EMBASE No: 2002212899  
Autologous adoptive transfer of co-stimulated CD4 SUP + T  
cells in HIV infection  
Levine B.L.  
Univ. of Pennsylvania Cancer Center, Philadelphia, PA, United States  
CORRESP. AUTHOR/AFFIL: Levine B.L.: Univ. of Pennsylvania Cancer Center,  
Philadelphia, PA, United States

Biomedicine and Pharmacotherapy ( Biomed. Pharmacother. ) (France) June  
26, 2002, 56/4 (211)  
CODEN: BIPHE ISSN: 0753-3322  
DOI: 10.1016/S0753-3322(02)00179-8  
DOCUMENT TYPE: Journal; Note RECORD TYPE: Citation

LANGUAGE: English

8/3/54 (Item 13 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2009 Elsevier B.V. All rts. reserv.

0078832129 EMBASE No: 2001438540

A mandatory role for STAT4 in IL-12 induction of mouse T cell  
CCR5

Iwasaki M.; Mukai T.; Nakajima C.; Yang Y.-F.; Gao P.; Yamaguchi N.;  
Tomura M.; Fujiwara H.; Hamaoka T.

Department of Oncology, Osaka Univ. Graduate Sch. of Med., 2-2,  
Yamada-oka, Suita, Osaka 565-0871, Japan

CORRESP. AUTHOR/AFFIL: Fujiwara H.: Department of Oncology, Osaka Univ.  
Graduate Sch. of Med., 2-2, Yamada-oka, Suita, Osaka 565-0871, Japan

CORRESP. AUTHOR EMAIL: hf@ongene.med.osaka-u.ac.jp

Journal of Immunology ( J. Immunol. ) (United States) December 15, 2001  
, 167/12 (6877-6883)

CODEN: JOIMA ISSN: 0022-1767

DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract

LANGUAGE: English SUMMARY LANGUAGE: English

NUMBER OF REFERENCES: 39

8/3/55 (Item 14 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2009 Elsevier B.V. All rts. reserv.

0078442945 EMBASE No: 2001048814

Chemokine receptor expressions and responsiveness of cord blood T  
cells

Sato K.; Kawasaki H.; Nagayama H.; Enomoto M.; Morimoto C.; Tadokoro K.;  
Juji T.; Takahashi T.A.

Department of Cell Processing, Institute of Medical Science, University  
of Tokyo, 4-6-1 Shirokanedai, Minato-ku, Tokyo 108-8639, Japan

CORRESP. AUTHOR/AFFIL: Takahashi T.A.: Department of Cell Processing,  
Institute of Medical Science, University of Tokyo, 4-6-1 Shirokanedai,  
Minato-ku, Tokyo 108-8639, Japan

CORRESP. AUTHOR EMAIL: takahasi@ims.u.-tokyo.ac.jp

Journal of Immunology ( J. Immunol. ) (United States) February 1, 2001,  
166/3 (1659-1666)

CODEN: JOIMA ISSN: 0022-1767

DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract

LANGUAGE: English SUMMARY LANGUAGE: English

NUMBER OF REFERENCES: 30

8/3/56 (Item 15 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2009 Elsevier B.V. All rts. reserv.

0077554802 EMBASE No: 1999040933

Altered expression of CD4, CD54, CD62L, and CCR5 in primary  
lymphocytes productively infected with the human immunodeficiency virus

Marodon G.; Landau N.R.; Posnett D.N.

Immunology Program, Graduate School of Medical Sciences, Joan Sandford I.  
Weill Med. Coll., New York, NY 10021, United States; Department of  
Medicine, Cornell University, Joan Sandford I. Weill Med. Coll., New



York, NY 10021, United States  
CORRESP. AUTHOR/AFFIL: Posnett D.N.: CUMC, Box 56, 1300 York Avenue, New  
York, NY 10021, United States

AIDS Research and Human Retroviruses ( AIDS Res. Hum. Retroviruses ) ( United States) January 20, 1999, 15/2 (161-171)  
CODEN: ARHRE ISSN: 0889-2229  
DOI: 10.1089/088922299311583  
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 50

8/3/57 (Item 1 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2009 Dialog. All rts. reserv.

17867594 PMID: 17492233  
[Deep lung--cellular reaction to HIV]  
Pulmao profunda--reacao celular ao VIH.  
Tavares Marques Maria Alcide; Alves Vera; Duque Victor; Botelho M  
Filomena  
Departamento de Ciencias Pneumologicas e Alergologicas dos Hospitais da  
Universidade de Coimbra.  
Revista portuguesa de pneumologia (Portugal) Mar-Apr 2007, 13 (2)  
p175-212, ISSN 0873-2159--Print Journal Code: 9813736  
Publishing Model Print  
Document type: English Abstract; Journal Article; Review  
Languages: PORTUGUESE  
Main Citation Owner: NLM  
Record type: MEDLINE; Completed

8/3/58 (Item 2 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2009 Dialog. All rts. reserv.

16084294 PMID: 15308712 Record Identifier: PMC506961  
R5 human immunodeficiency virus type 1 (HIV-1) replicates more  
efficiently in primary CD4+ T-cell cultures than X4  
HIV-1.  
Schweighardt Becky; Roy Ann-Marie; Meiklejohn Duncan A; Grace Edward J;  
Moretto Walter J; Heymann Jonas J; Nixon Douglas F  
Gladstone Institute of Virology and Immunology, University of California,  
San Francisco, California 94141-9100, USA. bschweighardt@gladstone.ucsf.edu  
Journal of virology (United States) Sep 2004, 78 (17) p9164-73,  
ISSN 0022-538X--Print Journal Code: 0113724  
Contract/Grant No.: AI44595; AI; NIAID NIH HHS United States  
Publishing Model Print  
Document type: Journal Article; Research Support, Non-U.S. Gov't;  
Research Support, U.S. Gov't, P.H.S.  
Languages: ENGLISH  
Main Citation Owner: NLM  
Other Citation Owner: NLM  
Record type: MEDLINE; Completed

8/3/59 (Item 3 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2009 Dialog. All rts. reserv.

15894622 PMID: 15090825

\*\*\*T\*\*\* - \*\*\*cell\*\*\* dynamics during acute SIV infection.

Mattapallil Joseph J; Letvin Norman L; Roederer Mario

Vaccine Research Center, NIAID, NIH, Bethesda, Maryland 20895, USA.

AIDS (London, England) (England) Jan 2 2004, 18 (1) p13-23, ISSN

0269-9370--Print Journal Code: 8710219

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

8/3/60 (Item 4 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2009 Dialog. All rts. reserv.

13704530 PMID: 10754293

Engagement of CD28 modulates CXC chemokine receptor 4 surface expression in both resting and CD3-stimulated CD4+ T cells.

Secchiero P; Zella D; Curreli S; Mirandola P; Capitani S; Gallo R C; Zauli G

Institute of Human Virology, University of Maryland, Baltimore, MD 21201, USA. secchier@umbi.umd.edu

Journal of immunology (Baltimore, Md. - 1950) (UNITED STATES) Apr 15 2000, 164 (8) p4018-24, ISSN 0022-1767--Print Journal Code: 2985117R

Publishing Model Print

Document type: Journal Article; Research Support, Non-U.S. Gov't

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

8/3/61 (Item 5 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2009 Dialog. All rts. reserv.

13067515 PMID: 9842912

Lymphocyte-specific chemokine receptor CXCR3: regulation, chemokine binding and gene localization.

Loetscher M; Loetscher P; Brass N; Meese E; Moser B

Theodor-Kocher Institute, University of Bern, Switzerland.

European journal of immunology (GERMANY) Nov 1998, 28 (11) p3696-705

, ISSN 0014-2980--Print Journal Code: 1273201

Publishing Model Print

Document type: Journal Article; Research Support, Non-U.S. Gov't

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

8/3/62 (Item 6 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2009 Dialog. All rts. reserv.

12967056 PMID: 9733871 Record Identifier: PMC110187

Naive and memory CD4 T cells differ in their

susceptibilities to human immunodeficiency virus type 1 infection following \*\*\*CD28\*\*\* costimulation: implicatip6s for transmission and pathogenesis.

Riley J L; Levine B L; Craighead N; Francomano T; Kim D; Carroll R G; June C H

Division of Retrovirology, Walter Reed Army Institute for Research,  
Rockville, Maryland 20850, Bethesda, Maryland 20889, USA.

Journal of virology (UNITED STATES) Oct 1998, 72 (10) p8273-80,  
ISSN 0022-538X--Print Journal Code: 0113724

Publishing Model Print

Document type: Journal Article; Research Support, Non-U.S. Gov't;  
Research Support, U.S. Gov't, Non-P.H.S.

Languages: ENGLISH

Main Citation Owner: NLM

Other Citation Owner: NLM

Record type: MEDLINE; Completed

8/3/63 (Item 7 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2009 Dialog. All rts. reserv.

12682233 PMID: 9548484

Cloning and analysis of the promoter region of CCR5, a coreceptor  
for HIV-1 entry.

Moriuchi H; Moriuchi M; Fauci A S

Laboratory of Immunoregulation, National Institute of Allergy and  
Infectious Diseases, National Institutes of Health, Bethesda, MD 20892,  
USA.

Journal of immunology (Baltimore, Md. - 1950) (UNITED STATES) Dec 1  
1997, 159 (11) p5441-9, ISSN 0022-1767--Print Journal Code: 2985117R

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

8/3/64 (Item 1 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2009 American Chemical Society. All rts. reserv.

150211872 CA: 150(11)211872q JOURNAL

The Local Cytokine and Chemokine Milieu within Malignant Effusions

AUTHOR(S): Atanackovic, Djordje; Cao, Yanran; Kim, Ji-Won; Brandl,  
Stephan; Thom, Ina; Faltz, Christiane; Hildebrandt, York; Bartels, Katrin;  
de Weerth, Andreas; Hegewisch-Becker, Susanna; Hossfeld, Dieter Kurt;  
Bokemeyer, Carsten

LOCATION: Department of Oncology/Hematology, University Medical Center  
Hamburg-Eppendorf, Hamburg, Germany,

JOURNAL: Tumor Biol. (Tumor Biology) DATE: 2008 VOLUME: 29 NUMBER: 2

PAGES: 93-104 CODEN: TUMBEA ISSN: 1010-4283 LANGUAGE: English

PUBLISHER: S. Karger AG

8/3/65 (Item 2 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2009 American Chemical Society. All rts. reserv.

150049068 CA: 150(4)49068h PATENT

Methods and compositions for increased transgene expression in T cells

INVENTOR(AUTHOR): Holmes, Michael C.; Lee, Gary Ka Leong

LOCATION: USA

ASSIGNEE: Sangamo Biosciences, Inc.

PATENT: PCT International ; WO 2008153742 A2 DATE: 20081218

APPLICATION: WO 2008US6571 (20080522) \*US 2007PV939825 (20070523)

PAGES: 51pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFICATIONS:

IPCR/8 + Level Value Position Status Version Action Source Office:

C12N-0015/00 A I F B 20060101 H EP

DESIGNATED COUNTRIES: AE; AG; AL; AM; AO; AT; AU; AZ; BA; BB; BG; BH; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DO; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; GT; HN; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LT; LU; LY; MA; MD; ME; MG; MK; MN; MW; MX; MY; MZ; NA; NG; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RS; RU; SC; SD; SE; SG; SK; SL; SM; SV; SY; TJ; TM; TN; TR; TT DESIGNATED REGIONAL: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LT; LU; LV; MC; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG; BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM

8/3/66 (Item 3 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2009 American Chemical Society. All rts. reserv.

147381005 CA: 147(18)381005q PATENT

Detection of human immunodeficiency virus-infected cell subsets

INVENTOR(AUTHOR): Maino, Vernon C.; Maecker, Holden Terry; Petry, Douglas Allan

LOCATION: USA

ASSIGNEE: Becton, Dickinson and Company

PATENT: PCT International ; WO 2007109161 A2 DATE: 20070927

APPLICATION: WO 2007US6686 (20070316) \*US 2006PV783317 (20060317)

PAGES: 39pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFICATIONS:

IPCR/8 + Level Value Position Status Version Action Source Office:

C12Q-0001/70 A I F B 20060101 H US

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; GT; HN; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LT; LU; LY; MA; MD; MG; MK; MN; MW; MX; MY; MZ; NA; NG; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RS; RU; SC; SD; SE; SG; SK; SL; SM; SV; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US DESIGNATED REGIONAL: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LT; LU; LV; MC; MT; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG; BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM

8/3/67 (Item 4 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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146440176 CA: 146(22)440176a PATENT

Prognosis of cancer progression in patients

INVENTOR(AUTHOR): Galon, Jerome; Pages, Franck; Fridman, Wolf-Herman

LOCATION: Fr.

ASSIGNEE: Institut National de la Sante et de la Recherche Medicale (INSERM)

PATENT: PCT International ; WO 200745996 A1 DATE: 20070426

APPLICATION: WO 2006IB3168 (20060928) \*EP 2005292200 (20051019) \*US 2006PV764356 (20060202)

PAGES: 205pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFICATIONS:

IPCR/8 + Level Value Position Status Version Action Source Office:

G01N-0033/574 A I F B 20060101 H EP

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HN; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LT; LU; LV; LY; MA; MD; MG; MK; MN; MW; MX; MY; MZ; NA; NG; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RS; RU; SC; SD; SE; SG; SK; SL; SM; SV; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US DESIGNATED REGIONAL: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LT; LU; LV; MC; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG; BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM

8/3/68 (Item 5 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2009 American Chemical Society. All rts. reserv.

146266776 CA: 146(14)266776j PATENT  
Use of purinergic and pyrimidinergic receptor agonists for dendritic cell-based immunotherapies  
INVENTOR(AUTHOR): Boeynaems, Jean-Marie; Goldman, Michel; Marteau, Frederic; Communi, Didier  
LOCATION: Belg.  
ASSIGNEE: Universite Libre de Bruxelles  
PATENT: PCT International ; WO 200720018 A1 DATE: 20070222  
APPLICATION: WO 2006EP7966 (20060811) \*EP 2005447187 (20050812)  
PAGES: 71pp. CODEN: PIXXD2 LANGUAGE: English  
PATENT CLASSIFICATIONS:

IPCR/8 + Level Value Position Status Version Action Source Office:

A61K-0031/52	A	I	F	B	20060101	H	EP
A61K-0031/513	A	I	L	B	20060101	H	EP
A61K-0031/522	A	I	L	B	20060101	H	EP
A61K-0039/00	A	I	L	B	20060101	H	EP
A61P-0037/00	A	I	L	B	20060101	H	EP

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HN; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LT; LU; LV; LY; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NG; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RS; RU; SC; SD; SE; SG; SK; SL; SM; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC DESIGNATED REGIONAL: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LT; LU; LV; MC; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG; BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM

8/3/69 (Item 6 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
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145306777 CA: 145(16)306777y PATENT  
Methods for modulating expression of an hiv-1 fusion cofactor  
INVENTOR(AUTHOR): June, Carl H.; Carroll, Richard G.; Riley, James L.; St. Louis, Daniel C.; Levine, Bruce L.  
LOCATION: USA  
PATENT: U.S. Pat. Appl. Publ. ; US 20060204500 A1 DATE: 20060914  
APPLICATION: US 2006373777 (20060310) \*US PV37422 (19970221) \*US 27205 (19980220)  
PAGES: 29pp., Division of U.S. Ser. No. 27,205, abandoned. CODEN: USXXCO  
LANGUAGE: English  
PATENT CLASSIFICATIONS:  
CLASS: 424148100

IPCR/8 + Level Value Position Status Version Action Source Office:  
A61K-0039/42            A I F B 20060101 20060914 H US

8/3/70            (Item 7 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
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145123041        CA: 145(7)123041j        PATENT  
Enhancement of NK-mediated ADCC by blockade of inhibitory KIR receptors  
INVENTOR(AUTHOR): Wagtmann, Peter Andreas Nicolai Reumert; Romagne,  
Francois; Glamann, Joakim  
LOCATION: Den.  
ASSIGNEE: Novo Nordisk A/S; Innate Pharma S.A.S.  
PATENT: PCT International ; WO 200672624 A2    DATE: 20060713  
APPLICATION: WO 2006EP50071 (20060106) \*DK 200527 (20050106)  
PAGES: 44 pp.    CODEN: PIXXD2    LANGUAGE: English  
PATENT CLASSIFICATIONS:  
CLASS: A61K-000/A  
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;  
BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;  
GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KN; KP; KR; KZ; LC; LK;  
LR; LS; LT; LU; LV; LY; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NG; NI; NO; NZ;  
OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SM; SY; TJ; TM; TN; TR;  
TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA    DESIGNATED REGIONAL: AT; BE; BG; CH  
; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LT; LU; LV; MC;  
NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML;  
MR; NE; SN; TD; TG; BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM;  
ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM

8/3/71            (Item 8 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
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145006562        CA: 145(1)6562u        PATENT  
Methods based on stimulating maturation of immature dendritic cells for  
evaluating Th1/Th2 adjuvant activity of environmental substance or  
chemical  
INVENTOR(AUTHOR): Matsushita, Sho; Uemura, Yasushi; Wakui, Masatoshi;  
Nakano, Kazuhisa  
LOCATION: Japan,  
PATENT: PCT International ; WO 200654415 A1    DATE: 20060526  
APPLICATION: WO 2005JP19149 (20051018) \*JP 2004336433 (20041119)  
PAGES: 71 pp.    CODEN: PIXXD2    LANGUAGE: Japanese  
PATENT CLASSIFICATIONS:  
IPCR/8 + Level Value Position Status Version Action Source Office:  
C12Q-0001/02        A I F B 20060101            H JP  
G01N-0033/15        A I L B 20060101            H JP  
G01N-0033/50        A I L B 20060101            H JP  
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;  
BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;  
GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KP; KR; KZ; LC; LK; LR;  
LS; LT; LU; LV; LY; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NG; NI; NO; NZ; OM;  
PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SM; SY; TJ; TM; TN; TR; TT;  
TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM    DESIGNATED REGIONAL: AT; BE; BG; CH  
; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LT; LU; LV; MC;  
NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML;  
MR; NE; SN; TD; TG; BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM;  
ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM

8/3/72 (Item 9 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2009 American Chemical Society. All rts. reserv.

144272451 CA: 144(15)272451z JOURNAL  
Results from a Human Renal Allograft Tolerance Trial Evaluating T-Cell  
Depletion with Alemtuzumab Combined with Deoxyspergualin  
AUTHOR(S): Kirk, Allan D.; Mannon, Roslyn B.; Kleiner, David E.; Swanson,  
John S.; Kampen, Robert L.; Cendales, Linda K.; Elster, Eric A.; Wakefield,  
Terri; Chamberlain, Christine; Hoffmann, Steven C.; Hale, Douglas A.  
LOCATION: Transplantation Branch, National Institute of Diabetes and  
Digestive and Kidney Diseases, National Institutes of Health, Bethesda, MD,  
USA  
JOURNAL: Transplantation (Transplantation) DATE: 2005 VOLUME: 80  
NUMBER: 8 PAGES: 1051-1059 CODEN: TRPLAU ISSN: 0041-1337 LANGUAGE:  
English PUBLISHER: Lippincott Williams & Wilkins

8/3/73 (Item 10 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2009 American Chemical Society. All rts. reserv.

143076820 CA: 143(5)76820j PATENT  
Bispecific single-chain antibodies preparation and therapeutic uses  
thereof  
INVENTOR(AUTHOR): Kufer, Peter; Berry, Meera; Baeuerle, Patrick; Itin,  
Christian  
LOCATION: Germany,  
PATENT: U.S. Pat. Appl. Publ. ; US 20050136050 A1 DATE: 20050623  
APPLICATION: US 2003743697 (20031222)  
PAGES: 12 pp. CODEN: USXXCO LANGUAGE: English  
PATENT CLASSIFICATIONS:  
CLASS: 424133100; A61K-039/395A; C07K-016/44B

8/3/74 (Item 11 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2009 American Chemical Society. All rts. reserv.

143006295 CA: 143(1)6295t PATENT  
Multispecific antibodies specific to cell surface antigen and/or receptor  
for immunotherapy of autoimmune disease, transplant rejection, infection  
and cancer  
INVENTOR(AUTHOR): Herman, William  
LOCATION: Can.,  
PATENT: Canada Pat Appl ; CA 2441653 AA DATE: 20050319  
APPLICATION: CA 2441653 (20030919)  
PAGES: 166 pp. CODEN: CPXXEB LANGUAGE: English  
PATENT CLASSIFICATIONS:  
CLASS: C12N-015/62A; C07K-019/00B; C12P-021/00B; A61K-039/395B;  
C07K-016/42B; C07K-016/46B; A61K-047/48B

8/3/75 (Item 12 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2009 American Chemical Society. All rts. reserv.

142315222 CA: 142(17)315222d PATENT  
multispecific ligands or antibodies for targeting and treating cancer,  
infection and autoimmune disease

INVENTOR(AUTHOR): Herman, William  
LOCATION: Can.,  
PATENT: Canada Pat Appl ; CA 2414148 AA DATE: 20040630  
APPLICATION: CA 2414148 (20021230)  
PAGES: 109 pp. CODEN: CPXXEB LANGUAGE: English  
PATENT CLASSIFICATIONS:  
CLASS: A61K-047/48A; A61P-035/00B; A61K-039/395B

8/3/76 (Item 13 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2009 American Chemical Society. All rts. reserv.

142296676 CA: 142(16)296676m PATENT  
Multifunctional ligands or antibodies for immunotherapy of immune  
disease, autoimmune disease, transplant rejection, infection and cancer  
INVENTOR(AUTHOR): Herman, William  
LOCATION: Can.,  
PATENT: Canada Pat Appl ; CA 2365636 AA DATE: 20030605  
APPLICATION: CA 2365636 (20011205)  
PAGES: 107 pp. CODEN: CPXXEB LANGUAGE: English  
PATENT CLASSIFICATIONS:  
CLASS: A61K-039/395A; A61K-045/00B; A61K-047/48B

8/3/77 (Item 14 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
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142278735 CA: 142(15)278735a PATENT  
Multifunctional ligands or antibodies for immunotherapy of autoimmune  
disease, transplant rejection, infection and cancer  
INVENTOR(AUTHOR): Herman, William  
LOCATION: Can.,  
PATENT: Canada Pat Appl ; CA 2357529 AA DATE: 20030228  
APPLICATION: CA 2357529 (20010830)  
PAGES: 122 pp. CODEN: CPXXEB LANGUAGE: English  
PATENT CLASSIFICATIONS:  
CLASS: A61K-047/48A; A61K-048/00B; A61K-039/385B; A61K-039/44B

8/3/78 (Item 15 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
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142259661 CA: 142(14)259661g JOURNAL  
RANTES produced by activated lymphocytes costimulated by anti-CD3 mAb and  
anti-CD28 mAb  
AUTHOR(S): Gu, Xiao; Tang, Xiaoda; Gu, Shenyang; Yang, Shangqi; Zhou,  
Peijun; Xu, Da; Wang, Xianghui; Tan, Jianming  
LOCATION: Clinical Organ Transplantation Center of Shanghai, Shanghai  
First People's Hospital, Shanghai, Peop. Rep. China, 200080  
JOURNAL: Fudan Xuebao, Yixueban (Fudan Xuebao, Yixueban) DATE: 2003  
VOLUME: 30 NUMBER: 6 PAGES: 546-548 CODEN: FXYUAO LANGUAGE: Chinese  
PUBLISHER: Fudan Xuebao, Yixueban Bianji Weiyuanhui

8/3/79 (Item 16 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2009 American Chemical Society. All rts. reserv.



142238624 CA: 142(13)238624g PATENT

Diagnostic tests based on flow cytometric analysis of antigen-specific T lymphocytes

INVENTOR(AUTHOR): Poccia, Fabrizio; Gioia, Cristiana; Agrati, Chiara; Montesano, Carla; Amicosante, Massimo; Casetti, Rita; D'Offizi, Gianpiero; Horejsh, Douglas; Martini, Federico; Capobianchi, Maria Rosaria; Pucillo, Leopoldo Paolo; Perrone, Donnorso Raffaele; Ippolito, Giuseppe

LOCATION: Italy

ASSIGNEE: Istituto Nazionale per le Malattie Infettive 'Lazzaro Spallanzani' IRCCS

PATENT: PCT International ; WO 200515207 A2 DATE: 20050217

APPLICATION: WO 2004EP51726 (20040805) \*IT 2003RM386 (20030805)

PAGES: 46 pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFICATIONS:

CLASS: G01N-033/50A

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

8/3/80 (Item 17 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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140299440 CA: 140(19)299440z PATENT

Methods of generating and screening for proteases with altered specificity for target proteins in treatment of disease

INVENTOR(AUTHOR): Nguyen, Jack; Thanos, Chris; Ruggles, Sandra Waugh; Craik, Charles S.

LOCATION: USA

ASSIGNEE: Catalyst Biosciences

PATENT: PCT International ; WO 200431733 A2 DATE: 20040415

APPLICATION: WO 2003US31719 (20031002) \*US PV415388 (20021002)

PAGES: 68 pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFICATIONS:

CLASS: G01N-000/A

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW; AM; AZ; BY; KG; KZ; MD DESIGNATED REGIONAL: GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZM; ZW; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

8/3/81 (Item 18 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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139083987 CA: 139(6)83987q PATENT

Multispecific constructs for targeted therapy

INVENTOR(AUTHOR): Herman, William

LOCATION: Can.,  
PATENT: PCT International ; WO 200357732 A2 DATE: 20030717  
APPLICATION: WO 2003CA44 (20030114) \*CA 2368708 (20020114) \*WO 2002CA317  
(20020311) \*CA 2397169 (20020813) \*CA 2402930 (20020919)  
PAGES: 240 pp. CODEN: PIXXD2 LANGUAGE: English  
PATENT CLASSIFICATIONS:  
CLASS: C07K-016/00A  
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;  
CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH;  
GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU;  
LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; OM; PH; PL; PT; RO; RU; SD; SE;  
SG; SK; SL; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW;  
AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW  
; MZ; SD; SL; SZ; TZ; UG; ZM; ZW; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PT; SE; SI; SK; TR; BF; BJ; CF; CG;  
CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

8/3/82 (Item 19 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
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137246546 CA: 137(17)246546v PATENT  
Multispecific ligands or antibodies for targeted immunotherapy of  
autoimmune diseases, cancers, and infections  
INVENTOR(AUTHOR): Herman, William  
LOCATION: Can.,  
PATENT: PCT International ; WO 200272141 A2 DATE: 20020919  
APPLICATION: WO 2002CA317 (20020311) \*US PV274217 (20010309) \*US PV276911  
(20010320) \*US PV279132 (20010328) \*US PV281029 (20010407) \*US PV306148  
(20010719) \*CA 2368708 (20020114)  
PAGES: 159 pp. CODEN: PIXXD2 LANGUAGE: English  
PATENT CLASSIFICATIONS:  
CLASS: A61K-039/395A  
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;  
CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH;  
GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU;  
LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; OM; PH; PL; PT; RO; RU; SD; SE;  
SG; SI; SK; SL; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VN; YU; ZA; ZM; ZW;  
AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW  
; MZ; SD; SL; SZ; TZ; UG; ZM; ZW; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;  
GR; IE; IT; LU; MC; NL; PT; SE; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG

8/3/83 (Item 20 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
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137246527 CA: 137(17)246527q PATENT  
Multivalent MHC constructs: Immunoanalysis, diagnosis and therapy  
INVENTOR(AUTHOR): Winther, Lars; Petersen, Lars Oestergaard; Buus, Soeren  
; Schoeller, Joergen; Ruub, Erik; Aamellem, Oeystein  
LOCATION: Den.  
ASSIGNEE: Dako A/S; Dynal Biotech Asa  
PATENT: PCT International ; WO 200272631 A2 DATE: 20020919  
APPLICATION: WO 2002DK169 (20020313) \*DK 2001435 (20010314) \*DK 2001436  
(20010314) \*DK 2001441 (20010314) \*US PV275470 (20010314) \*US PV275448  
(20010314) \*US PV275447 (20010314)  
PAGES: 304 pp. CODEN: PIXXD2 LANGUAGE: English  
PATENT CLASSIFICATIONS:

CLASS: C07K-014/705A

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AT; AU; AZ; BA; BB; BG; BR; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; CZ; DE; DE; DK; DK; DM; DZ; EC; EE; EE; ES; FI; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; OM; PH; PL; PT; RO; RU; SD; SE; SG; SI; SK; SK; SL; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VN; YU; ZA; ZM; ZW; AM; AZ; BY; KG DESIGNATED REGIONAL: GH; GM; KE ; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZM; ZW; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

8/3/84 (Item 21 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
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132136174 CA: 132(11)136174m JOURNAL  
Human afferent lymph from normal skin contains an increased number of mainly memory/effector CD4+ T cells expressing activation, adhesion, and co-stimulatory molecules  
AUTHOR(S): Yawalkar, Nikhil; Hunger, Robert E.; Pichler, Werner J.; Braathen, Lasse R.; Brand, Christoph U.  
LOCATION: Dermatological Clinic, Inselspital, Univ. Bern, CH-3010, Bern, Switz.  
JOURNAL: Eur. J. Immunol. DATE: 2000 VOLUME: 30 NUMBER: 2 PAGES: 491-497 CODEN: EJIMAF ISSN: 0014-2980 LANGUAGE: English PUBLISHER: Wiley-VCH Verlag GmbH

8/3/85 (Item 22 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2009 American Chemical Society. All rts. reserv.

130037213 CA: 130(4)37213a JOURNAL  
Costimulation of naive CD8+ lymphocytes induces CD4 expression and allows human immunodeficiency virus type 1 infection  
AUTHOR(S): Kitchen, Scott G.; Korin, Yael D.; Roth, Michael D.; Landay, Alan; Zack, Jerome A.  
LOCATION: Division of Hematology-Oncology, UCLA School of Medicine, Los Angeles, CA, 90095, USA  
JOURNAL: J. Virol. DATE: 1998 VOLUME: 72 NUMBER: 11 PAGES: 9054-9060  
CODEN: JOVIAM ISSN: 0022-538X LANGUAGE: English PUBLISHER: American Society for Microbiology  
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